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UNIVERSITY OF ILLINOIS

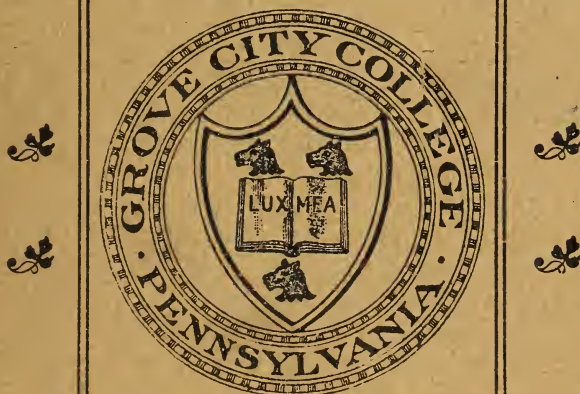
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OCTOBER 1915



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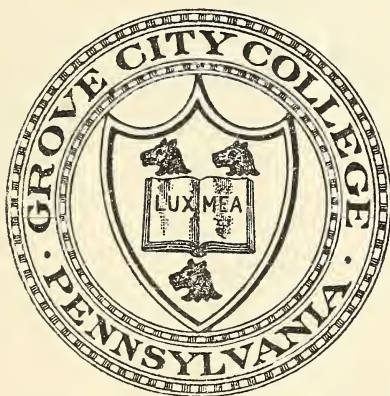


Fortieth Year

Grove City College

Catalogue for 1915-1916

*With Calendar and Courses of
Study for the Year 1915-1916*



Grove City, = = Penn'a.

For information and catalogues write the Registrar,
O. J. SIEPLEIN, Grove City, Pa.

CALENDAR

1915

September 21st, Tuesday.....Registration of students.
September 22nd, Wednesday..Recitations begin 7:40 A. M.
December 10th to Dec. 16th....Final Examinations.

1916

January 4th, Tuesday.....Registration of students for the
Winter Term.
January 5th, Wednesday.....Recitations begin at 7:40 A. M.
March 20th to March 25th....Final Examinations.
March 28th, Tuesday.....Registration of students for the
Spring Term.
March 29th, Wednesday.....Recitations begin 7:40 A. M.
June 5th to June 10th.....Final Examinations.
June 11th, Sunday.....)
June 12th, Monday.....) Exercises of Commencement Week.
June 13th, Tuesday.....)
June 14th, Wednesday.....)
June 20th, Tuesday.....Registration of students for the
collegiate Summer Term.
June 21st, Wednesday.....College recitations begin at 7:40
A. M.
June 22nd, Thursday.....Registration of students for the
Pedagogy Term.
June 23rd, Friday.....Pedagogy Term subjects begin at
7:40 A. M.
August 4th to August 15th....Bible School.
August 16th to 19th.....Final Examinations for the col-
legiate term.
September 19th, Tuesday.....Registration of new students for
the Fall Term.
September 20th, Wednesday..Recitations begin at 7:40 A. M.

1917

June 19th, Tuesday.....Opening of the Summer Term

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BOARD OF TRUSTEES

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WALKER MORLEDGE.....	Ass't Reg. (Field Representative)
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HISTORICAL SKETCH

As early as 1858 an effort had been made to provide instruction in college preparatory studies at Pine Grove, now Grove City. Rev. Richard M. Thompson, D. D., was the first to give instruction in the higher branches.

In 1864 Rev. Wm. T. Dickson became pastor of the Presbyterian Church of Pine Grove, and soon after, he and his wife, Mrs. Harriet L. Dickson, undertook to maintain a private school for the young people of the community. This school was held much of the time in their own home, but when the attendance justified a larger room they occupied the Presbyterian Church. They continued this work with but slight interruption for ten years.

In 1874 the school directors of Pine township decided to erect a one-story brick school house containing two rooms for the accommodation of the school children of the Pine Grove district. A movement was started among those interested in higher education to take up a subscription to add a second story to the public school building. This, after much effort, was accomplished and it was in this upper room of the public school house, that a select school or academy was started on the 11th day of April, 1876. The committee of stockholders of this upper room consisted of Joseph Humphrey, President; James A. Gilmore, Secretary; N. W. VanEman, M. D., O. P. McCoy and James Hunter. This committee rented the room to Isaac C. Ketler of Blacktown, a village four miles west of Pine Grove. Mr. Ketler at his own expense furnished the room with necessary equipment and had, in the March preceding, announced that he would open a school at Pine Grove in this building. Thirteen students reported the first day of the school and twenty-four were enrolled during the entire

session. On the 8th of August, 1876, the first Fall session of the school was held with an enrollment of about eighty students. Mr. Ketler was assisted by one of his pupils (Samuel R. McClelland), in conducting the classes.

In September, 1878, a meeting of the citizens was called to consider the propriety of securing real estate, land on which to erect an academy building. At this meeting Mr. Robert G. Black presided. In calling the meeting to order he said, "In view of the very great and vital interest which has brought the people together it is proper and wise that Divine guidance and blessing be sought;" the first general meeting of the citizens held in this interest characterized the spirit in which the subsequent work of the institution has ever been conducted.

Wm. A. Young, J. M. Martin, M. D., James P. Locke, James Hunter and Joseph Humphrey were appointed a Finance Committee to provide means for the purchase of grounds and the erection of an academy building. They were directed to apply for a charter of incorporation, that the academy might have a proper legal basis. At the August 1879 term of the Court of Common Pleas of Mercer County, Pa., a charter of incorporation for the purpose of establishing and maintaining a school in the village of Pine Grove, to be known as The Pine Grove Normal Academy, was granted. The aforesaid Finance Committee, under the charter, constituted the Board of Trustees until the election of their successors, a board of fifteen trustees, on the second Monday of January, A. D. 1880. The capital stock of the corporation was at first limited to \$25,000 (afterwards increased to \$50,000), and was to be sold in shares of \$10 each. When four hundred shares had been subscribed and twenty per cent of the stock thus subscribed paid in, the charter was to go into effect. Capt. R. C. Craig was appointed to solicit funds. Early

in the spring of 1879 the required amount of stock having been sold and twenty per cent of it paid in, the Finance Committee, or five Trustees, proceeded to purchase ground and erect a suitable building. Four acres of ground were purchased and a building was erected at a cost of about \$10,000. The Academy building was first occupied in December, 1879, and from that time on the growth of the institution has been rapid and continuous.

In 1881 the attendance of students had so increased, that the demand for larger facilities became imperative. Therefore, in 1882, a building providing additional recitation rooms and other conveniences, (now a part of the Physics Building), was erected. A small dormitory building for young women was built by the Rev. W. J. McConkey and rented to the Academy. This was afterwards purchased by the College, enlarged and improved and converted into a Music Building for the uses of the Music Department.

In November 1882, the name of Pine Grove was dropped for the more pretentious name of Grove City, and the town was incorporated by decree of the Court of Quarter Sessions on the 4th of January, 1883. The first election for borough officers was held February 3rd ensuing.

In 1883, the annual attendance at the Academy had increased to fully five hundred students. The work had been mainly the preparing of teachers for teaching and students for college, although in 1881 and 1882 classes were graduated in a scientific course of study and received appropriate diplomas and degrees. Many were anxious to have the advantages of a collegiate classical course of study in this institution. They had become attached to the Academy. The smallness of the expenses made it possible for many boys and girls of very limited means to take such a course of study in this institution. These and other considerations led

the Board of Trustees to ask for an amendment to the charter, changing the institution from an academy with restricted powers to a college with all the rights and franchises of the same. The decree authorizing this change was granted on the 21st day of November, A. D. 1884.

In the following June, 1885, a class of ten was graduated in Collegiate courses of study, four of whom received the degree of Bachelor of Arts, the remaining six graduating in the Scientific Course. From that time the classes grew in size and the courses of study were amended and improved with almost every year.

Early in September, 1894, the Board of Trustees found that the institution was considerably in debt, and although property had been secured to the amount of one hundred thousand dollars the facilities for the work undertaken were entirely inadequate. It was felt by many that unless help could be secured from the outside about all possible had been accomplished and there were great fears that the institution would ultimately fail to meet its obligations. Up to this time the funds for the building of the College and its maintenance had been secured largely within a radius of four miles of Grove City. President Ketler was instructed to make known the situation to people of means at a distance from the town and to solicit help. The whole situation was thoroughly discussed with Mr. J. N. Pew, then of Pittsburg, and Mr. S. P. Harbison, of Allegheny, Pa.

On the special advice of Mr. Pew and Mr. Harbison an effort was made to eliminate the stock features of the College, so that the institution might be re-incorporated in the class of eleemosynary institutions. Accordingly on the 3rd day of November, 1894, the stock-holders of the College met in the College Chapel and without a dissenting voice voted to eliminate the stock features and permit the college charter to be amended so as to place the College in the class of public charities, with a self-

perpetuating Board of Trustees. The ballots which were used read as follows: "Grove City, Pa., November 3, 1894. I, the undersigned owner of———shares of stock in Grove City College, Grove City, Pa., do hereby give, assign, transfer and set over my said stock to said corporation, in order that an amendment to the charter of said corporation may be applied for, to eliminate the stock feature from the charter and place the corporation in the class of public charities. Witness my hand and seal this 3d day of November, 1894———(Seal)."

It must forever be to the honor of the community that the desired change was made without one dissenting vote. This is all the more remarkable when it is recalled that there were about two hundred and fifty share-holders of different religious denominations and maintaining different attitudes toward the College. They surrendered their entire property right in the institution, that others, with larger means, might come to the relief of the institution and direct its work. It added to the gravity of the undertaking that it was a serious question whether the change could legally be made if one stock-holder should oppose the change. The fifteen trustees who had previously been chosen by the stock-holders became petitioners for the amendments, which, when granted changed the entire legal aspect of the College. From a stock corporation in which more than two hundred persons had a property right it became a corporation in the class of public charities and the former fifteen trustees and fifteen others became the legal guardians or trustees of the changed corporation. The final decree making these changes was ordered on the 10th day of December, A. D., 1894, a little more than ten years after the College charter had been obtained.

The management of the institution up to January, 1895, was, by the charter of incorporation lodged in a board of fifteen trustees, chosen from the stock-holders and by the stock-holders. Five trustees were chosen thus

annually to serve for three years. As the stock was held almost exclusively by citizens of the community within a radius of four miles of the College, the members of the Board were necessarily local. But to their wise and careful administration is largely due the success of the College. Severely economical where economy could be practiced with safety, generous even to personal sacrifices when the resources of the College were not adequate to its plainly evident needs, investing every dollar of a sadly insufficient income where it would count most for the advancement of the College, in season and out of season they gave the college their time, their money, their consecrated service. Among the men of Grove City who never flagged for the institution were W. A. Young, Thomas W. Dale, R. C. Craig and J. C. Glenn.

On the 24th of January, A. D., 1895, the fifteen Trustees who were appointed under the amended charter met in the College to carry out the provisions of the new or amended charter, viz., the election of fifteen additional trustees, who should have a part with them in this trust. They were W. A. Young, T. W. Dale, J. C. Glenn, Rev. W. J. McConkey, D. D., John N. White, Newton Campbell, James Simpson, W. J. McKay, A. M. Craig, Perry F. Say, J. J. McGarvey, Joseph A. McDowell, D. F. Courtney, S. F. Thompson, Esq., and Beriah Magoffin, Esq. They proceeded by ballot to the election of the new members who should join with them in constituting the new Board, and the following gentlemen were unanimously elected: J. N. Pew, A. P. Burchfield, W. J. Young, and the Rev. J. T. Gibson, D. D., of Pittsburgh, Pa.; Rev. Wm. H. McMillan, D. D., Samuel P. Harbison and W. L. Pierce, Esq., of Allegheny, Pa.; Edward O'Neil, of Sewickley, Pa.; Judge Christopher W. Heydrick, of Franklin, Pa.; W. D. Brandon, Esq., and Rev. Wm. E. Oller, of Butler, Pa.; J. T. Blair, of Greenville, Pa.; Rev. A. J. Merchant, D. D., of Sharon,

Pa.; David Gilson, of London, Pa., and Rev. James B. McClelland, of Grove City, Pa. The gentlemen so chosen were notified of their election as trustees of Grove City College, and Thursday, the 31st day of January, A. D., 1895, at 2 P. M., was fixed as the time for the organization of the new Board. At this time they met and by lot arranged themselves into three classes of ten members each, one class to serve for one year, or until the second annual meeting, the Tuesday before Commencement, 1896; one class to serve two years, or until the annual meeting in June, 1897, and one class to serve for three years, or until the annual meeting in June, 1898.

The Board was fully organized by the election of the following officers: J. N. Pew, Philadelphia, Pa., President; Rev. Wm. H. McMillan, D. D., Allegheny, Pa., Vice President; J. C. Glenn, Secretary; Wm. A. Young, Treasurer.

At the death of W. A. Young the Grove City National Bank was made Treasurer. J. N. Pew served as President until his death in October 1912. At that time F. R. Babcock of Pittsburgh was elected President.

The progress of the College since the reorganization in 1895 has been rapid. The property value was estimated at \$100,000 when the new board took control. To-day the College has a campus of over fifty acres in the center of the town. From two buildings in 1895 the growth has been to nine buildings at present. The College plant is valued at more than \$700,000.

There has been a constant development in the number, equipment and scholarship of the Faculty. The college courses have been founded on the ideals of sound and liberal culture, vital religion and practical efficiency, animated by the spirit of service to God and humanity.

At the death of the founder and first president, on July 2, 1913, the Board of Trustees sought a suitable successor. On July 26, Alexander T. Ormond, then head

of the Department of Philosophy at Princeton University, was elected president. At his inauguration, November 15, he pledged his administration to the continuation of the policy of thorough scholarship vitalized by Christian training.

While on his way to visit a brother near Elderton on December 18, 1915, President Ormond was stricken and died in a farmhouse near the village. After services in the Presbyterian church in Grove City, the body was taken to Princeton, New Jersey, for burial.

Grove City College has lost a very able leader, and the educational world one of its clearest thinkers, one of the leaders of philosophic thought. President Ormond's great experience, excellent judgment, and thorough knowledge of educational problems enabled him to carry the College through several crises and to bring about a strengthening of the curriculum and an organization of the forces that place Grove City College in the front rank of the colleges of the country.

At a special meeting of the Board of Trustees, Weir C. Ketler, the Assistant to the President, was appointed Acting-President until such time as the Board shall elect a President.

Pa.; David Gilson, of London, Pa., and Rev. James B. McClelland, of Grove City, Pa. The gentlemen so chosen were notified of their election as trustees of Grove City College, and Thursday, the 31st day of January, A. D., 1895, at 2 P. M., was fixed as the time for the organization of the new Board. At this time they met and by lot arranged themselves into three classes of ten mem-

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college courses have been rounded on the ideals of science and liberal culture, vital religion and practical efficiency, animated by the spirit of service to God and humanity.

At the death of the founder and first president, on July 2, 1913, the Board of Trustees sought a suitable successor. On July 26, Alexander T. Ormond, then head

of the Department of Philosophy at Princeton University, was elected president. At his inauguration, November 15, he pledged his administration to the continuation of the policy of thorough scholarship vitalized by Christian training.

THE CHARTER OF GROVE CITY COLLEGE

Whereas, By a decree heretofore entered by the Court of Common Pleas of Mercer County, Pennsylvania, in pursuance of the application of W. A. Young, Joseph Humphrey, James Hunter, J. M. Martin and J. P. Locke, the "Pine Grove Normal Academy" was duly incorporated; and, whereas, by a subsequent decree of said Court the corporate name of said institution was changed to "Grove City College," and its rights, privileges, authorities and jurisdictions as an institution of learning extended; and, whereas, further improvements, amendments and alterations of the charter of said corporation are desired, viz., By altering, amending and improving Sections I, II, III, IV, VII, VIII, and Section IX, as amended heretofore, of the present charter, and by striking out entirely Sections V and VI, and substituting therefore new sections and provisions so that the whole articles of association as altered and amended will read as follows:

Article 1. The said corporation under the name, style and title of Grove City College shall have perpetual succession, with all the incidents of a corporation in deed and in law, for all the purposes whatsoever of its incorporation.

Article 2. The trustees of said corporation now in office, viz., W. A. Young, Thomas W. Dale, Samuel F. Thompson, Joseph A. McDowell, J. C. Glenn, Beriah Magoffin, James Simpson, Sr., William J. McKay, John N. White, Newton Campbell, Perry Say, J. J. McGarvey, D. F. Courtney, A. M. Craig and W. J. McConkey, and others to be elected as hereinafter provided, and their successors, by the said name and title shall be able and capable in law and in equity to take, hold and en-

joy for the use of said college any estate in any messuage, lands, tenements, goods, chattels, moneys, or other effects by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest, of any person or persons or any body corporate, whatsoever: provided that the yearly income of the real and personal property of the said corporation shall not at any time exceed twenty thousand dollars.

Article 3. The said trustees and their successors by the same name shall sue and be sued, plead and be impleaded, answer and be answered, defend and be defended, in all courts of law and equity in all manner of suits and actions whatsoever; and generally, by and in the same name do and transact all the business touching and concerning the premises, or which shall be incidentally necessary thereto, as fully and effectually as any natural person, or body politic or corporate, has power to manage the concerns belonging to such person or body, and to hold, enjoy and exercise such powers, authorities and jurisdictions as are customary and usual in other colleges, or institutions similar, in this Commonwealth.

Article 4. The said corporation is hereby authorized to establish and maintain an undenominational but evangelical Christian school or college in the borough of Grove City, Mercer County, Pennsylvania, in which youth of both sexes, and others who may desire, without regard to religious test or belief, may receive an education both preparatory and collegiate in the various branches of science, abstract and applied, languages, mathematics, history, literature, music, and the arts in all their various ramifications; and generally, where students may receive thorough instruction in all the branches of higher learning professional and technical: And to this end the trustees shall have power to elect or appoint a corps of professors, or faculty, for said college, without regard to creed or religious belief of the appointees, who shall be persons of full age of either sex,

and thoroughly qualified for the positions or chairs to which they shall be appointed, (together with such other and subordinate teachers as may be required), one of whom they shall style or denominate president of the faculty, and who shall ex-officio meet and act with the trustees and take part in all their deliberations, and serve on any committees as fully to all intents and purposes as if elected one of said body as hereinafter provided; and the professors and teachers so appointed shall at all times be subject to removal at the discretion of the trustees as the welfare of the College may demand or require.

Article 5. The management of said corporation shall be lodged in a board of trustees not exceeding thirty in number, ten of whom shall constitute a quorum to transact business; and after decree of the Court has been entered granting this amended charter the board of trustees, as at present constituted, at their first meeting as provided in the by-laws, shall proceed to fill the board as required to be constituted herein by electing by ballot fifteen additional trustees who shall have the qualifications hereinafter provided, and thereupon they shall notify the persons so elected of the time and place when and where to meet with them to perfect the organization of the board of trustees of said corporation as provided herein; and when so organized the said board of trustees shall classify themselves by lot into three classes of equal number, which classes shall be designated as the first, the second and the third class, and the term of office of the first class shall expire at the second annual meeting and the terms of office of the other classes shall expire annually thereafter in order of their number. At each annual meeting succeeding the first, ten trustees shall be elected by ballot by the trustees in the two classes whose terms do not expire at said meeting, and the persons so elected shall serve for three years, provided however that not more than ten of the board of trustees at any one time shall be clergymen; vacancies

occurring by death, resignation, removal or otherwise, shall be filled for the unexpired term by the board at its first meeting after the vacancy occurs, and the member or members elected shall belong to the respective class or classes in which the vacancy or vacancies occurred. Trustees shall be citizens of the United States and shall be chosen with due regard to their fitness for the office and persons of any Christian sect or creed shall be eligible, but at all times at least twenty of the trustees shall be citizens of this Commonwealth.

Article 6. The board of trustees shall elect at each annual meeting to serve for one year a president, a vice president, and a secretary of their own body; they shall also elect a treasurer, either of their own body or not as they deem best, who shall give bonds with security for the safe keeping of the funds of the corporation in such amounts as may be deemed advisable; and they shall and may have a common seal to serve and use for all causes, matters and affairs of them and their successors and by which the deeds, diplomas, certificates, and acts of the corporation shall pass and be authenticated, and may change and alter the said seal at their pleasure from time to time. They shall meet at least twice each year in the borough of Grove City, Mercer County, Pennsylvania, at such times as shall be provided in the by-laws, one of which meetings shall be called the annual meeting, and such other meetings may be held at such times and places as shall be provided for in the by-laws. They shall make and ordain by-laws and rules for the government of the corporation not inconsistent with this charter nor repugnant to the constitution and laws of the United States or the constitution and laws of this Commonwealth. They shall provide a book in which shall be transcribed this charter and all by-laws, rules and regulations adopted by them and in which a record of the proceedings of all meetings of the trustees shall be kept.

Article 7. The faculty of the College shall preserve proper discipline among the students, and by and with the advice and consent of the board of trustees shall prescribe the courses of study and instruction in the several departments of said college, shall fix the rates of tuition, matriculation and contingent fees, and determine the proficiency and qualifications necessary for students to enter the various departments and classes, and shall at the close of each college year, or at such other times as may be deemed advisable, graduate such of the students who by their proficiency in learning they may consider entitled to be graduated and confer such degrees upon them, and also upon others of meritorious distinction, as are usually conferred and granted in other colleges of the United States, and to grant to such graduates diplomas under the common seal of the corporation and signed by the faculty to authenticate and perpetuate the memory of such graduation.

Article 8. The board of trustees shall invest or put out at interest all moneys received by them by gift, donation, bequest, devise, or otherwise, for the use and benefit of such corporation; and the interest or revenue thus accruing shall be exclusively and forever appropriated to the support of the said College and instruction therein; and they shall keep the books of account in which all moneys received by them from all sources shall be carefully entered at large.

Article 9. The membership of this corporation shall consist of the several persons who for the time being shall be acting as trustees. Persons not members of the corporation shall be eligible to election as trustees, subject only to the qualifications hereinbefore stated.

Article 10. No misnomer of said corporation shall defeat or annul any gift or grant, devise or bequest, to or for said corporation.

Article 11. The enumeration of powers, privileges and duties herein contained shall not be construed so as

to exclude others not enumerated which are necessary to the proper fulfillment of the designated purposes of the corporation and not inconsistent with the express provisions and limitations thereof.

W. J. McConkey, President of Board of Trustees.

J. C. Glenn, Secretary of Board of Trustees.

{ Grove City College, }
Nov. 21, 1894
{ Mercer County, Pa. }

THE ENTRANCE REQUIREMENTS

The requirement for admission to the Freshman class is fifteen units. A unit is the credit allowed for a subject pursued in daily recitations for the full year of at least 34 weeks. The maximum of four units is allowed for the regularly scheduled work of one year in a high school or other secondary school.

Fifteen units credit is equivalent to a full four-year course in a strong high school. Work of the regular four-years high school course cannot be accepted for advanced standing.

Graduates from a course in a three-year high school are admitted as Conditional Freshmen and are required to complete two full terms of work (30 hours) at the College before being classed as Freshmen in full collegiate standing. Six hours of the work of these two terms shall be in English. This English requirement is understood to be in addition to the English requirement for the baccalaureate degree.

Applicants for entrance to the courses leading to the degree of Bachelor of Arts, or the degree of Bachelor of Literature must present

- 3 units in English
- 3 units in Mathematics
- 4 units in Latin
- 2 units in German or French
- 1 unit in Chemistry or Physics
- The remaining 2 units are elective.

Candidates for the course leading to the degree of Bachelor of Science must present

- 3 units in English
- 3 units in Mathematics
- 2 units in German or French
- 1 unit in Biology
- 1 unit in Physics
- 1 unit in Chemistry
- The remaining 4 units are elective.

It is recommended that the unit in Biology be presented in one branch of Biology, such as Botany or Zoology.

A student who is deficient in any of the work prescribed for admission to one of the college courses may substitute other subjects to make a total of fifteen units, provided he take during his college course such subjects as will make up this deficiency. The following units may be presented:

	Minimum accepted	Maximum allowed
English	2 (see note 1)	3 (see note 1)
Mathematics		
Algebra, elementary	1	1
Algebra, intermediate	$\frac{1}{2}$	$\frac{1}{2}$
Algebra, advanced	$\frac{1}{2}$ (see note 2)	$\frac{1}{2}$ (see note 2)
Geometry, plane	1	1
Geometry, solid	$\frac{1}{2}$	$\frac{1}{2}$
Trigonometry, plane	$\frac{1}{2}$ (see note 3)	$\frac{1}{2}$ (see note 3)
Foreign Language, total		8
For. Language, any one	1 (see note 4)	4
History, total		4
History, General	$\frac{1}{2}$	1
History, Ancient	$\frac{1}{2}$	1
History, Mediaeval	$\frac{1}{2}$	1
History, Adv. American	$\frac{1}{2}$	1
History, English	$\frac{1}{2}$	1
Science, total		4
Astronomy	$\frac{1}{2}$	$\frac{1}{2}$
Agriculture	$\frac{1}{2}$	$\frac{1}{2}$
Biology	$\frac{1}{2}$	1
Botany	$\frac{1}{2}$	1
Chemistry	1	1
Physics	1	1
Physiography	$\frac{1}{2}$	1
Physical Geography	$\frac{1}{2}$	1
Physiology, advanced	$\frac{1}{2}$	$\frac{1}{2}$
Zoology	$\frac{1}{2}$	1

Note 1—As the first English work in the high school course is largely grammar, the credit granted in English is one unit less than the number of years of work in this subject.

Note 2—A student presenting Advanced Algebra ($\frac{1}{2}$ unit) is required to elect during his course, College Algebra II.

Note 3—A student presenting Plane Trigonometry ($\frac{1}{2}$ unit) is required to elect during his course, Spherical Trigonometry or Surveying.

Note 4—A student presenting but one unit in any foreign language is required to elect during his course the second year's work in that language.

The units are to be chosen from the following:

English. Grammar, Composition and Rhetoric, one unit; Literature, one unit; the third unit either Advanced Composition or Literature. Every applicant for admission to any of the regular college courses will be subject to a test in English composition. He will be asked to write a brief essay on some familiar subject. In judging this essay special stress will be placed upon such elementary matters as spelling, capitalization, punctuation, grammar, the proper division of thought into sentences and paragraphs, orderly arrangement and clear expression of ideas. The amount of work in rhetoric required of a student will be determined by this test. The student whose work in this essay shows lack of sufficient preparation for English 11, will be required to take English 15, see page 57.

Mathematics. Elementary Algebra, one unit; Plane Geometry, one unit; Intermediate Algebra, Solid Geometry, Advanced Algebra, Plane Trigonometry, each $\frac{1}{2}$ unit.

Latin. Elementary Latin, one unit; Caesar, four books, one unit; Cicero, six orations and composition, one unit; Vergil, six books, one unit. In Cicero and Vergil for less work than above stated $\frac{1}{2}$ unit each may be allowed.

Greek. Elementary Greek, one unit; Anabasis, four books, and composition, one unit; Homer, three books, $\frac{1}{2}$ unit.

German. Elementary German (grammar, conversation and reading of easy texts), one unit; composition and translation (Wilhelm Tell and Immensee or equivalent), one unit.

French. Elementary French (grammar, conversation and reading of easy texts), one unit; composition and translation (Le Chateau d'If, La Tulipe Noire, and Mlle. de la Seigliere, or equivalents), one unit.

History. General, or Greek and Roman, $\frac{1}{2}$ unit; Mediaeval and Modern, $\frac{1}{2}$ unit; English, $\frac{1}{2}$ unit; Advanced American, $\frac{1}{2}$ unit. In each of these courses, more extended and thorough work may be accepted for a full unit.

Physics. Carhart and Chute, Hoadley, or equivalent, with laboratory.

Chemistry. "First Principles of Chemistry," Brownlee, or equivalent, with laboratory.

Astronomy, Biology, Botany, Physical Geography, Advanced Physiology, Zoology, each $\frac{1}{2}$ unit. Exceptionally thorough and extended work in any of these subjects may be accepted as a full unit.

A student presenting a science with laboratory will be asked to present certified laboratory notebook.

A student unable to carry work in a department to which his accepted units admit him, loses credit in all units up to the work he can carry.

Certificates must state clearly the following points:

1. The number of years at the institution.
2. The fact of graduation, if a graduate.
3. The subjects studied each year.
4. The textbook used in each subject.
5. The number of weeks devoted to each subject.
6. The number of periods per week for each subject.
7. The length of the periods.
8. The grade received in each subject.

Blank forms will be furnished on application to the Registrar.

Students, who have passed satisfactory examinations in the subjects required for entrance, are admitted as Freshmen.

THE COLLEGE COURSES

The courses leading to the degrees of Bachelor of Arts, Science and Literature require 180 hours work beyond that necessary for entrance to the Freshman class. This means four years work of 45 hours per year, or 15 hours per term.

Requirements in Hours for the Degrees

	A. B.	Litt. B.	B. S.
English Language	9	9	9
English Literature	9	9	9
Latin	18	18	
Greek	30		
German or French	9	27	9
Mathematics	12	12	21
Physics	12	12	21
Chemistry			21
Biology			12
Bible	12	12	12
Psychology	6	6	6
Logic	3	3	3
Elective	60	72	57
	<hr/> 180	<hr/> 180	<hr/> 180

Candidates for the degree of Bachelor of Science may present twelve hours of Chemistry, twenty-one of Physics and twenty-one of Biology; or twenty-one of Chemistry, twelve of Physics and twenty-one of Biology, instead of twenty-one of Chemistry, twenty-one of Physics and twelve of Biology.

Candidates for the degree of Bachelor of Literature may, with the consent of the Faculty, substitute for the eighteen hours of collegiate Latin, eighteen hours of another language of collegiate grade. By "collegiate grade" is understood work beginning with the grade of

course 15 in the various languages as described on pages 73, 76, 78.

It is understood that all candidates for the degree of Bachelor of Literature must offer work in two languages for the degree.

For 1916 the degree of Bachelor of Philosophy will be granted to those students who enrolled in this course and who have fulfilled the requirements for that degree as listed in the catalogue of 1913-14. This degree will not be granted after 1916; the degree of Bachelor of Literature will be substituted. Those students who had six terms, or less, of work to complete after June 1914 and cannot complete the course before June 1916, will be considered as fulfilling the requirements for the degree of Bachelor of Literature, by taking one course in a department each term, although such courses do not aggregate the total number of hours prescribed in such department.

Students completing their work at the end of the Summer Term are graduated and receive their degrees at that time. Students completing their work at the end of the Fall or Winter Term are graduated and receive their degrees in person at the Commencement following the completion of their work.

PLAN OF COURSE FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR.

FIRST TERM	SECOND TERM	THIRD TERM
*English 11 and Oratory 11, 3 hours	English 12 and Oratory 12, 3 hours.	English 13 and Oratory 13, 3 hours
Latin 11, 3 hours.	Latin 12, 3 hours.	Latin 13, 3 hours.
Greek 11, 5 hours	Greek 12, 5 hours.	Greek 13, 5 hours.
Mathematics 11, 4 hrs.	Mathematics 12, 4 hours	Mathematics 13, 4 hours.

SOPHOMORE YEAR.

Latin 21, 3 hours.	Latin 22, 3 hours.	Latin 23, 3 hours.
Greek 21, 5 hours	Greek 22, 5 hours	Greek 23, 5 hours
Physics 21, 4 hours.	Physics 22, 4 hours.	Physics 23, 4 hours.
Bible, 3 hours.	Bible, 3 hours.	Bible, 3 hours.

*"English 11," "Latin 11," etc., are titles of prescribed courses. The description of these courses will be found under the various departments, pages 51 to 92.

JUNIOR YEAR.

Modern Language. (Course 15), 3 hours.	English 32, 3 hours.	Modern Language. (Course 17), 3 hours.
English 31, 3 hours.	Psychology 32, 3 hours.	English 33, 3 hours.
Psychology 31, 3 hours.	Elective, 6 hours.	Philosophy 33, 3 hours.
Bible, 3 hours.		(Logic)
Elective, 3 hours.		Elective, 6 hours.

SENIOR YEAR.

Elective, 15 hours.	Elective, 15 hours.	Elective, 15 hours.
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Candidates for Departmental Honors are excused from the prescribed junior work in Language, English and Bible. (See page 41.)

PLAN OF COURSE FOR THE DEGREE OF BACHELOR OF LITERATURE

FRESHMAN YEAR.

FIRST TERM	SECOND TERM	THIRD TERM
*English 11 and Oratory 11, 3 hours.	English 12 and Oratory 12, 3 hours.	English 13 and Oratory 13, 3 hours.
Modern Language, 3 hrs. (Course 15)	Modern Language, 3 hrs. (Course 16)	Modern Language, 3 hrs. (Course 17)
Latin 11, 3 hours.	Latin 12, 3 hours.	Latin 13, 3 hours.
Mathematics 11, 4 hours.	Mathematics 12, 4 hours.	Mathematics 13, 4 hours.
Bible 21, 2 hours.	Bible 22, 2 hours.	Bible 23, 2 hours.

SOPHOMORE YEAR.

Latin 21, 3 hours.	Latin 22, 3 hours.	Latin 23, 3 hours.
Modern Language, 3 hrs. (Course 21)	Modern Language, 3 hrs. (Course 22)	Modern Language, 3 hrs. (Course 23)
Physics 21, 4 hours.	Physics 22, 4 hours.	Physics 23, 4 hours.
Psychology 31, 3 hours.	Psychology 32, 3 hours.	Bible, 3 hours.
Elective, 2 hours.	Elective, 2 hours.	Elective, 2 hours.

JUNIOR YEAR

Modern Language, 3 hrs. (Course 31)	Modern Language, 3 hrs. (Course 32)	English 33, 3 hours.
Bible, 3 hours.	English 32, 3 hours.	Philosophy 33, 3 hours.
English 31, 3 hours.	Elective, 9 hours.	Modern Language, 3 hrs. (Course 33)
Elective, 6 hours.		Elective, 6 hours.

SENIOR YEAR.

Elective, 15 hours.	Elective, 15 hours.	Elective, 15 hours.
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Candidates for Departmental Honors are excused from the prescribed junior work in English, Modern Language and Bible. (See page 41.)

PLAN OF COURSE FOR THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR.

FIRST TERM	SECOND TERM	THIRD TERM
*English 11 and Oratory 11, 3 hours.	English 12 and Oratory 12, 3 hours.	English 13 and Oratory 13, 3 hours.
German 15, 3 hours.	German 16, 3 hours.	German 17, 3 hours.

*"English 11," "Latin 11," etc., are titles of prescribed courses. The description of these courses will be found under the various departments, pages 51 to 92.

Chemistry 11, 4 hours.	Chemistry 12, 4 hours.	Chemistry 13, 4 hours.
Mathematics 11, 4 hours.	Mathematics 12, 4 hours.	Mathematics 13, 4 hours.
Bible 21, 2 hours.	Bible 22, 2 hours.	Bible 23, 2 hours.

SOPHOMORE YEAR.

Mathematics, 3 hours.	Mathematics, 3 hours.	Mathematics, 3 hours.
Chemistry, 3 hours.	Chemistry, 3 hours.	Chemistry, 3 hours.
Physics 21, 4 hours.	Physics 22, 4 hours.	Physics 23, 4 hours.
Psychology 31, 3 hours.	Psychology 32, 3 hours.	Bible, 3 hours.
Elective, 2 hours.	Elective, 2 hours.	Elective, 2 hours.

JUNIOR YEAR.

English 31, 3 hours.	English 32, 3 hours.	English 33, 3 hours.
Physics 31, 3 hours.	Physics 32, 3 hours.	Physics 33, 3 hours.
Biology, 4 hours.	Biology, 4 hours.	Biology, 4 hours.
Bible, 3 hours.	Elective, 5 hours.	Philosophy 33, 3 hours.
Elective, 2 hours.		Elective, 2 hours.

SENIOR YEAR.

Elective, 15 hours.	Elective, 15 hours.	Elective, 15 hours.
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Candidates for Departmental Honors are excused from the prescribed junior work in English, Bible and the Sciences. (See page 41.)

OPPORTUNITIES

Preparation for Religious Work

The number of graduates of the College who have taken up some form of religious work is large. Strong work in the classics, English and philosophy has built a solid foundation for later development. Every year a number of graduates enter the various theological seminaries. The reports from these schools show that the graduates of Grove City College are well trained in habits of thought and study.

Preparation for Teaching

The graduate of a college is eligible to receive a provisional college certificate from the Department of Public Instruction of Pennsylvania, if during his college course he has completed two hundred recitation hours' work in educational subjects. This requirement is covered by a credit of seventeen hours. The educational subjects include psychology, ethics, logic, history of education, school management and methods of teaching. As six hours of psychology and three hours of logic are required of all candidates for degrees, many have availed themselves of the work offered in Education to complete the requirement for teachers' certificates. After teaching successfully for three years, the holder of a provisional college certificate is eligible to receive the permanent college certificate.

Work Preliminary to Medicine and Engineering

If a young man, after graduating from high school, has spent two years in the cultural, humanitarian atmosphere of a college of liberal arts, he has received a fundamental training in the best things which enables him to grasp more quickly and to use better a later training in applied sciences. The student who is well

grounded in pure science can with little effort develop in the sphere of applied science. He is a better engineer or doctor for his training in college; in addition to this he is a better citizen, more in sympathy with his fellow citizens and better able to assist in the solution of economic problems. Grove City College offers thorough work in the fundamentals of mathematics, physics, chemistry and biology. This fundamental work in these subjects is carried on with the ideal of pure science rather than that of utilitarianism. With two years at college, a young man who has availed himself of the opportunities in science and mathematics can complete a course in an engineering school in three years.

For those intending to enter medical schools, the College offers opportunities for receiving instruction to meet the requirements of the best schools, and of the strongest state boards of control of medical certification. The requirement is one year's credit in work of collegiate grade in each of the three sciences, biology, chemistry and physics. In each case at least two recitations and two laboratory periods per week are required in the science. To meet this requirement the student should take Biology 11 (page 87), Biology 16 and 17 (page 88), Chemistry 11 B, 12 B and 13 B, (page 79), and Physics 21 B, 22 B and 23 B (page 84). As this work requires three terms of each of three sciences with three recitations and two laboratory periods each week, it is not advisable for a student to attempt to meet the medical requirement in less than five terms. The work in the three sciences means nine recitations and about fifteen hours of work in the laboratory each week. Some medical schools require two years of college work as a condition of entrance. By spending two years at the College a graduate of a four years' high school can complete the science requirement outlined above and in addition take a liberal amount of work in English, mathematics and language.

TUITION

The tuition is twenty-eight dollars (\$28) for the term of twelve weeks and twenty-six dollars (\$26) for the summer term of ten weeks. This tuition entitles the student to any course in the collegiate and preparatory departments, to the use of the gymnasium, to entrance to all athletic contests and to care in the hospital in case of illness. (See page 107.)

In courses requiring laboratory practice, the student is charged a laboratory fee. In Biology and Physics, this fee is two dollars (\$2) in all courses requiring one one laboratory period, an additional fee of one dollar (\$1) one laboratory period. In courses requiring more than laboratory period (2 to 2½ hours) per week; in Chemistry the fee is three dollars (\$3) in all courses requiring is charged for each additional period. The fees are usually as follows: In biology, \$2 or \$3; in chemistry, \$3 or \$4; in physics, \$2; in mechanical drawing, \$5; in surveying, \$3.

ABSENCE REGULATIONS

A total gratuity of as many class absences per term as he has class recitations per week is allowed to each student.

The gratuity in each course per term is equal to the number of recitations in the course per week.

A gratuity of fifteen absences per term from Chapel is allowed to each student. Absence from Sunday Chapel is counted as three on the gratuity for Chapel.

This gratuity is granted the student to cover all absences for any reason whatever.

When a student exceeds his gratuity in any subject, he becomes subject to discipline.

Absences are counted from the first recitation in each course.

Absence from class affects the grade of the student for that course.

The Dean of the Faculty has control of the question of absences; all requests should be made to him at his regular office hours. Permissions for absences hold for one term only and are renewed only by application to the Dean each term. All such requests for optional attendance at Chapel must be made to the Dean within one week of registration in college.

GRADE VALUES

The grade values used in rating the quality of work are: A, 95 to 100 per cent; B, 90 to 95 per cent; C, 80 to 90 per cent; D, 70 to 80 per cent; E, 50 to 70 per cent, conditioned; F, below 50 per cent, failure; P, passed without rank. "A" and "B" are considered honor grades. Failure to take the final examination at the end of a course or, in any other way, to complete the work of a course, causes that course to be graded "E." In a course requiring laboratory practice, uncompleted laboratory work or unapproved laboratory reports cause that course to be graded "E."

A student who receives a condition, "E," in a subject has the opportunity of taking a special examination in this subject during his next succeeding term in college and on passing such special examination is graded "P" (passed). These special examinations are held according to a schedule published during the first week of the term. If the condition is not removed at the end of such next succeeding term, the mark of condition "E" is considered as a mark of failure, "F."

All "E" and "F" grades in a student's record must be removed by special examinations or repetition of courses before a degree is conferred upon the student. When a student has on his record more than fifteen hours of courses with "E" and "F" grades, he is dropped from the rolls of the College.

STUDENT PROGRAMS

The regular program of work requires fifteen hours

per term, and, in general, a student in the regular courses is not permitted to take a schedule of more than 15 hours.

If a student has for two successive terms completed his work with two-thirds of his work of honor grade he may apply to the matriculation committee for the privilege of taking 16, 17 or 18 hours. Failure to maintain the proportion of two-thirds honor grades for a schedule of 16, 17 or 18 hours makes it necessary for the student to return to the fifteen hour schedule. "E" or "F" grade causes the term in which such grade is received to be excluded from consideration for schedules beyond fifteen hours.

If a student has for two successive terms carried a schedule of 17 or 18 hours with all honor grades, he may apply to the matriculation committee for the privilege of taking 19 or 20 hours. Twenty hours is the limit of credit allowed for a term. If a student taking 19 or 20 hours falls below honor grade in more than one-third of his work for that term he must return to the fifteen hour schedule; if he falls below honor grade in any work which is less than one-third of his schedule, he may be required to return to the fifteen hour schedule, but must return to the eighteen hour schedule. "E" or "F" grade causes the term in which such grade is received to be excluded from consideration for schedules beyond fifteen hours.

ADVANCED STANDING

A student who applies for advanced standing in this college on the basis of credits from another college may receive credit on a college course up to fifteen (15) hours a term or forty-five (45) hours a year; if during his next two terms at Grove City College he has done work of a grade entitling him under the rules to an increment of schedule hours, the Matriculation Committee may, at its option, grant him a corresponding increment of credit for work done at the college from

which he comes; the credit granted for the work at the other college in no case exceeds twenty (20) hours a term, or sixty (60) hours a year. Each semester hour at a college is considered as one and one-half ($1\frac{1}{2}$) term hours. Blank forms for certification of collegiate work done at another institution may be obtained from the Registrar.

GENERAL HONORS

On graduation the students whose work meets the requirements stated in the following paragraphs are granted their degrees with honors.

A student all of whose grades are "A" and "B" is eligible to honors on graduation and, unless the Faculty rules otherwise, receives the honor, "*cum laude*."

An honor student, two-thirds of whose grades are "A" is recommended to the Faculty for the honor, "*magna cum laude*."

An honor student all of whose grades are "A" shall be recommended to the Faculty for the honor, "*summa cum laude*."

DEPARTMENTAL HONORS

A student who has completed two full years of college work and has maintained an honor standing in at least four-fifths of his studies, may at the beginning of his third (junior) year select a department in which he has not fallen below honor grade, in which department he shall do two-fifths of his work in his third (junior) year and three-fifths in his fourth (senior) year. The remainder of his studies shall be taken outside of the department that he has chosen and are free electives subject only to the requirements of the general course of study.

During the fourth (senior) year, it is at the discretion of the instructor or instructors to conduct seminars in the chosen department and to substitute research work

and thesis for the regular class room exercises and examinations.

A candidate for departmental honors who falls below honor grade in the studies of his chosen department at the end of any term, is required to give up the course for special honors and to resume the regular course of study.

A student who has successfully completed the studies of his chosen department and has maintained honor standing in them and who has not fallen below "C" in non-departmental studies receives special honors in his department and has the same indicated upon his diploma.

An honor student is required to elect a major and a minor within his chosen department, the major to include three-fifths and the minor two-fifths of the honor work of the last two (junior and senior) years.

It is understood that where two or more professors are assigned to a single department the one whose subject is the major in any given case is considered the head of the department for that student.

The following departments are open to students entitled to elect courses leading to departmental honors:

The Department of Philosophy and Education, in which either Philosophy or Education may be either major or a minor.

The Department of History, Economics and Politics, in which either History or Economics and Politics combined may be either a major or a minor.

The Department of English including English Literature as a major and either Composition and Oratory or English Bible as a minor.

The Department of Classical Languages including Latin and Greek, either of which may be a major or a minor. Archaeology and Sanskrit are included in this department as elective but non-honor subjects.

The Department of Modern Languages, including French and German, either of which may be a major

or a minor. Spanish, Italian and Romance Philology are included in this department as elective but non-honor subjects.

The Department of the Sciences and Mathematics, including Chemistry, Physics, Biology and Mathematics of which any two constitute a department for the student electing them; the other two are considered extra departmental. Agriculture, Astronomy, Geology and Mechanical Drawing are included in this department as elective but non-honor subjects.

LIBRARY

Carnegie Library, the generous gift of Mr. Andrew Carnegie, was erected in 1900. It is a commodious structure of red brick upon a gray stone-substructure.

On the main floor are a large and well-lighted reading room, Librarian's office and the stack-room. Through the generosity of Mr. James H. Hammond of the Board of Trustees, and others, the stack-room has been fitted with a two-story equipment of steel stacks, with glass mezzanine floor and steel stairway. The present capacity is about 35,000 volumes. The system of steel equipment is capable of gradual extension, as need arises, and will ultimately give for this floor alone a capacity of about 150,000 volumes. The second floor is now used as a college auditorium and chapel. The rapid growth of the College and increased demands upon the Library will make this later the main reading room of the Library. The basement contains ample room for storage purposes, with facilities for receiving and unpacking supplies. It is partly equipped with wooden stacks for unbound pamphlets, papers, etc.

As a result of the work of the Library Committees of the Board of Trustees and the Faculty, a large number of volumes are being added each year. These additions consist of reference texts carefully selected by the various departments. The Library is at present a

good working library and is a big help in the development of the various departments.

REGULATIONS GOVERNING INTERCOLLEGIATE CONTESTS

Only collegiate students may represent the College on teams of recognized college organizations. Absences incurred by the student, while representing a recognized college organization, are not counted off his gratuity.

No student, who has failed in more than one subject during his preceding term in college, may represent the institution on collegiate organizations.

No student doing "E" or "F" grade work in more than one subject may represent the college on collegiate organizations.

No student may represent the college on any one recognized college organization more than four years.

The coach in charge of team shall furnish the Clerk with an authorized list of team men, which list shall be read at the regular meeting of the Faculty preceding the contest.

INTERCOLLEGIATE DEBATING

At the opening of the fall term all students intending to enter the preliminary contest are required to join a Debating League, which meets weekly during the term and is under the direction of a professor named by the Committee on Debating, or by the Faculty. The general principles of argumentation and the art of debating are studied until November 1st. After that date the questions submitted by contesting colleges or to be submitted to other colleges are studied. The choice of questions and of sides is determined by the members of this class and the Faculty Committee in conference.

The preliminary debate is open only to members of the Debating League and is held on the first Friday evening of the winter term. At this contest two teams

are selected, consisting of three members and an alternate each. The special training of the teams thus chosen is under the direction of the Committee.

All arrangements for intercollegiate debates are in charge of the Faculty Committee; such debates are held as far as possible, during the last two weeks of the winter term or the first two weeks of the spring term; the selection of judges for such debates at home and abroad, and the entire management of the local debate is in the hands of the Committee and the team concerned.

The work of the Debating League in the fall term counts as a one hour course in English.

The work of the teams who represent the college in intercollegiate debates counts as a two hour course in English.

GRADUATE DEGREES

During the summer term, there is a special department of philosophy, offering courses leading to the degree of Doctor of Philosophy in philosophy. In addition to the work in this department, the various departments of the College (page 42) offer work leading to the masters' degrees. The requirements for the graduate degrees are stated below. As the work for the graduate student is largely of special character depending on the nature of his aim and previous training there is no mention made of graduate courses in lists of courses in the majority of the departments (pages 51 to 92).

REQUIREMENTS FOR THE MASTERS DEGREE

The possession of baccalaureate degree (A. B., Litt. B., Ph. B. or B. S.) or what the Committee on the Course of Study regard as the equivalent, is essential.

Every candidate, when admitted and before entering on the course of study, is required to pay a matriculation fee of \$5.00.

Each candidate for the degree is required to take the equivalent of four courses of study of three hours per week, each term. These are to be distributed as follows: Three-fourths of the work in a single department, the remaining fourth may be outside the chosen department. Three-fourths of the work must be of post-graduate rank, the remaining fourth may consist of prescribed under-graduate courses of senior rank.

The work of the candidate may not fall below honor rank (A or B). In case the candidate's work falls below this standard, he may be assigned additional work or may be required to abandon the work, at the discretion of the Committee on the Course of Study. The tests at the close of the courses are regarded as tests of proficiency not as final examinations.

A thesis on a subject growing out of the student's main line of study, is required. The subject for this thesis is chosen in consultation with the head of the department and must manifest ability to carry on original research. The thesis is to be typewritten with black record ribbon, double space, on good quality paper of letter size, 8½"x11". There is to be a margin of 1½" at the left hand edge and 1" on the other three sides. When handed in, the thesis becomes the property of the College. It is to be handed in not later than April 20th and when accepted the candidate is admitted to the final written examination held on or before the 20th day of May.

The following plans of study are open to candidates for the Master's degree:

Plan A.

A full collegiate year of resident study is required. The subject for the thesis is to be selected not later than December 1st. The candidate is required to pay the following fees:

Matriculation fee	\$ 5.00
For each term, \$25.00	75.00
For final examination and diploma.....	15.00
	<hr/>
Total.....	\$95.00

Plan B.

Open to those who cannot pursue the entire course in resident study. Two summer terms in residence are required. During the interval between the two terms, the candidate is required to carry on non-resident reading or research work under the direction of the department in which his major work has been taken. The candidate is required to pay the following fees:

Matriculation fee	\$ 5.00
For each summer term in residence (\$30.00).....	60.00

For non-resident interval	10.00
For final examination and diploma	15.00
Total.....	\$90.00

The fee for final examination and diploma is to be paid after the examination and before the conferring of the degree. All other fees are payable in advance.

When the candidate has complied with all the conditions, he is recommended for the Master's degree which is conferred on him in person at the following Commencement.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN PHILOSOPHY

The possession of a baccalaureate degree (A. B., Litt. B., Ph. B., or B. S.) or what the Committee on the Course of Study regard as the equivalent, is essential.

Every candidate, when admitted and before entering on the course of study, is required to pay a matriculation fee of \$10. The candidate is required to attend three summer terms and to take the equivalent of four courses of study, three hours per week, in the Department of Philosophy each term. Between the first and second terms, and between the second and third terms the candidate is required to read and report on reading assigned by the department. The tests at the ends of the courses are considered as tests of proficiency, not as final examinations.

The work of the candidate may not fall below honor grade (A or B). In case the candidate's work falls below this standard, he may be required to do additional work or to abandon the course, at the discretion of the Committee on the Course of Study.

During the third term in residence, the candidate is required to choose in consultation with the head of the department the subject for a thesis, which grows out of the

candidate's main line of work and must be of conspicuous merit showing originality and independence of thought, thorough investigation and research. The thesis is to be typewritten with black record ribbon, double space, on good quality paper of letter size, 8½"x11". There is to be a margin of 1½" at the left hand edge and 1" on the other three sides. The thesis, when accepted, becomes the property of the College. It is to be handed in not later than the 1st of April following the third session. When the thesis has been accepted, the candidate is admitted to the final oral examination which is held at Grove City on or before May 20th. The candidate is required to pay the following fees:

Matriculation fee	\$10.00
For each resident term (\$30.00)	90.00
For each non-resident interval (\$10.00)	20.00
For final examination and diploma	20.00
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Total.....	\$140.00

The fee for final examination and diploma is to be paid after the examination and before the conferring of the degree. All other fees are payable in advance.

When the candidate has complied with all the conditions, he is recommended for the degree of Doctor of Philosophy in philosophy, which is conferred on him in person at the following Commencement.

Though the requirements for the degree of Doctor of Philosophy in philosophy are greater than those for the degree of Master of Arts in philosophy, the failure to fulfill the requirements for the higher degree does not entitle the candidate to receive the lower degree. The candidate is required to choose between the two degrees at the time of matriculation.

DEPARTMENTS OF INSTRUCTION

On the following pages is given an account of the work done in each course in the various departments. The courses are numbered as follows: Freshman courses, 11 to 19; Sophomore courses, 21 to 29; Junior courses, 31 to 39; Senior courses, 41 to 49; Graduate courses, above 50. The courses are regularly taught, as follows: In the fall term, courses 11, 15, 21, 25, 31, 35, 41, 45, 51, 55; in the winter term, courses 12, 16, 22, 26, 32, 36, 42, 46, 52, 56; in the spring term, courses 13, 17, 23, 27, 33, 37, 43, 47, 53, 57; in the summer term, courses 14, 18, 24, 28, 34, 38, 44, 48, 54, 58. Some courses are repeated other terms; this is particularly true in the summer term.

Following the description of each course is given the name of the text used, the titles of courses, which are requisite to the work of the course, and statement of the credit given for the course. In all courses an equivalent text may be substituted for the one named.

DEPARTMENT OF PHILOSOPHY AND EDUCATION

Philosophy: Professor Calder.

Psychology and Education: Professor Henderson.

PHILOSOPHY

Philosophy 33. Logic. A course covering the doctrine of the concept, the judgment, the syllogism, inductive and deductive methods of reasoning, and, in general, the nature and the laws of thought. Taylor: Elements of Logic (Psychology 31 and 32). Credit 3 hours.
Professor Calder.

Philosophy 35. Introduction to Philosophy. Lectures accompanied with textbook work, with library references and readings. Fletcher: Introduction to Philosophy. (Psychology 32 and Philosophy 33 are advised).
Credit 3 hours.
Professor Calder.

Philosophy 36. Epistemology. Lectures covering the general theory of knowledge. Ormond: Foundations of Knowledge, and, Bowne: Theory of Thought and Knowledge. (Psychology 32 and Philosophy 35 are advised)
Credit, 3 hours.

Philosophy 37. Metaphysics. Lectures treating of ontology, cosmology, and the general theory of reality. Ketler: Studies in Metaphysics, and Taylor: Metaphysics. (Philosophy 32 and either 35 or 36).
Credit, 3 hours.

Philosophy 41. Sociology, Social Ethics. An introduction to the study of society and modern social prob-

lems. Ellwood: Modern Social Problems.

Credit, 2 hours
Professor Calder.

Philosophy 43. Ethics. A constructive study of ethical theory with an account of its metaphysical basis, together with a criticism of the great historical schools such as Kantian, Ethics, Intuitionism, Hedonism, Utilitarianism, Evolutionary Ethics. D'Arcy: Ethics. (Psychology 32.)

Credit, 3 hours.
Professor Calder.

Philosophy 45. History of Philosophy, first term. A study of Greek Philosophy. Thilly: History of Philosophy. Lectures. Conferences and written tests.

Credit, 3 hours.

Philosophy 46. History of Philosophy, second term. Mediaeval and Modern Philosophy to Des Cartes. Thilly: History of Philosophy. Lectures, Conferences and written tests.

Credit, 3 hours.

Philosophy 47. History of Philosophy, third term. Modern Philosophy from Des Cartes to Kant. Thilly: History of Philosophy. Lectures, Conferences and written tests.

Credit, 3 hours.

PSYCHOLOGY

Professor Henderson.

Psychology 31. General Psychology, first term. A study of the senses and intellect. Angell: Psychology.

Credit, 3 hours.

Psychology 32. General Psychology, second term. A study of the feelings and will. Angell: Psychology. (Psychology 31).

Credit, 3 hours.

Psychology 33. Genetic Psychology. A study of the phenomena of growth and development. Kirkpatrick: Genetic Psychology. (Psychology 32). Credit, 3 hours.

Psychology 37. Educational Psychology. A study of the science of education, or the scientific foundations of the art of teaching, in so far as that science or those foundations are concerned with psychology. Horne: Psychological Principles of Education. (Psychology 32). Credit, 3 hours.

Psychology 43. Social Psychology. A study of the nature of the social mind, and its products. Ross: Social Psychology. (Psychology 32). Credit, 2 hours.

EDUCATION

Professor Henderson.

Education 31. History of Education, first term. An introductory study of the leading national movements and educators. Monroe: A Textbook in the History of Education; Primitive Peoples to the Middle Ages. Credit, 3 hours.

Education 32. History of Education, second term. A continuation of Education 31. Monroe: A Textbook in the History of Education; Middle Ages to the Present Time. (Education 31 is advised). Credit, 3 hours.

Education 35. History of Secondary Education. A study of the historical development of the high school, for the purpose of giving a proper perspective for the consideration of present constructive problems. Brown: The Making of Our Middle Schools. (Education 31, or Education 32) Credit, 2 hours.

Education 36. General Methods. A study of the fundamental principles of class management and of the technique of class instruction, with special reference to the secondary school. Credit, 2 hours.

Education 41. Principles of Education. A study of the fundamental principles which underly a thorough system of education. Ruediger: Principles of Education.

Credit, 2 hours.

Education 42. Principles of Secondary Education. A study of the special problems characteristic of the high school, and the relation of these problems to the general principles of education. Monroe: Principles of Secondary Education. (Education 41 is advised)

Credit, 3 hours.

Education 43. Philosophy of Education. A study of the interrelated forces in the field of education, to give a comprehensive view of the educational situation. Horne: Philosophy of Education.

Credit, 2 hours.

Education 45. High School Education. A study of the courses of the high school program of study, for the purpose of determining their educational value. Johnston: High School Education.

Credit, 2 hours.

Education 46. Social Principles of Secondary Education. A study of the problems of the high school with especial reference to modern social demands and their specific adjustments. Johnston: The Modern High School.

Credit, 2 hours.

Education 47. High School Supervision. A study of the essential features of school management, with special reference to the problems of the high school. Hollister: High School Supervision.

Credit, 2 hours.

DEPARTMENT OF HISTORY, ECONOMICS AND POLITICS

Assistant Professor Brown.

HISTORY

History 21. Mediaeval History. A survey of Europe from the fall of Rome to the Protestant Reformation. Robinson: History of Western Europe.

Credit, 3 hours.

History 22. Modern History. A continuation of History 21, beginning with the Protestant Reformation and extending through the French Revolution. Robinson: History of Western Europe. (History 21)

Credit, 3 hours.

History 23. Nineteenth Century History. A continuation of History 22, beginning with European reconstruction in 1815, and extending to the present time. This course will include colonial expansion, the unification of Italy, the formation of the German Empire, and modern social and diplomatic problems. Hazen: History of Europe in the Nineteenth Century. (History 22)

Credit, 3 hours.

History 41. American History, first term. Constitutional, political and economic history of the United States from the earliest colonies to the formation of the constitution. West: American History and Government.

Credit, 3 hours.

History 42. American History, second term. A continuation of History 41, extending from the formation of the constitution to the Civil War. Reference work. West: American History and Government. (History 41 is advised.)

Credit, 3 hours.

History 43. American History, third term. A continuation of History 42, extending from the Civil War to the present time. Reference work. West: American History and Government. (History 42 is advised.)

Credit, 2 hours.

ECONOMICS

Economics 31. A general introductory course. Seager: Principles of Economics. Credit, 3 hours.

Economics 32. A continuation of Economics 31. Seager: Principles of Economics. (Economics 31.)

Credit, 3 hours.

Economics 33. Taxation. A survey of the general field of taxation with special work in some current problems, such as, the single tax, the income tax and the corporation tax. Reference work. (Economics 31 and 32.)

Credit, 2 hours.

POLITICS

Political Science 41. A study of the origin forms and development of the state, and a survey of the modern European governments. Ogg: European Governments.

Credit, 3 hours.

Political Science 42. A continuation of Political Science 41. Ogg: European Governments.

Credit, 3 hours.

International Law 43. A general study of the principles and development of international law. Wilson and Tucker: Principles of International Law.

Credit, 3 hours.

DEPARTMENT OF ENGLISH

English: Assistant Professor Doxsee; Professor Calderwood; Professor Barnes.

The Bible: Professor Calder.

Oratory: Miss Griffin.

ENGLISH

English 11. Composition and Rhetoric, first term. A textbook is used as a basis for class room work, together with selections from various authors. The principles of composition and rhetoric are derived from the study of the text and selections. Frequent papers are required in the course. The work is carried on in small sections so that the individual student may receive close attention. Aydelotte: College English. 2 periods per week. Professor Doxsee.

English 11 and Oratory 11 are combined as one course. Credit, 3 hours.

English 12. Composition and Rhetoric, second term. A continuation of English 11. 2 periods per week. Professor Doxsee.

English 12 and Oratory 12 are combined as one course. Credit, 3 hours.

English 13. Composition and Rhetoric, third term. A continuation of English 12. The work of English 13 is largely argumentation. 2 periods per week. Professor Doxsee.

English 13 and Oratory 13 are combined as one course. Credit, 3 hours.

English 15, English 16 and English 17 are courses paralleling English 11, English 12, and English 13, respectively. They meet three times per week and are

planned for Conditional Freshman and others whose work in composition shows insufficient preparation for English 11, 12 and 13. These courses are combined with Oratory 11, Oratory 12 and Oratory 13, respectively, as single courses, each combined course giving a credit of four hours. Three terms of rhetoric and oratory are required of all Freshman.

English 31. History of English Literature, first term. An outline of the history of English Literature with classroom reading and discussion of representative works illustrative of various types and periods of the literature. Pyre, Dickinson and Young: Handbook of English Literature. (English 13 or English 17.)

Credit, 3 hours.

Professor Doxsee.

English 32. History of English Literature, second term. A continuation of English 31. (English 31.)

Credit, 3 hours.

Professor Doxsee.

English 33. History of English Literature, third term. A continuation of English 32. (English 32.)

Credit, 3 hours.

Professor Doxsee.

These courses, **English 31**, **English 32** and **English 33** are planned to meet the English literature requirement for the various degrees. They are essential to successful work in any of the later courses in literature.

English 35. Shakespeare. A study of Macbeth, Henry IV, part 1, and one of the Comedies. Supplementary reading. (English 33.)

Credit, 3 hours.

Professor Calderwood.

English 36. Shakespeare. A study of King Lear, Hamlet and one other play. Supplementary reading. (English 33.)

Credit, 3 hours.

Professor Calderwood.

English 37. Milton. A study of selected shorter poems, and parts of Paradise Lost. (English 33.)

Credit, 3 hours.

Professor Calderwood.

English 41 A. Milton. A study of the poetical works of John Milton, with assigned reading, class discussion and lectures. (English 33.) Taught in 1916-17.

Credit, 3 hours.

Professor Doxsee.

English 42 A. English Poetry, 1789-1832. A study of the poetical works of Burns, Wordsworth, Coleridge, Scott, Byron, Shelly, Keats. (English 33.) Taught in 1916-17.

Credit, 3 hours.

Professor Doxsee.

English 43 A. English Poetry. A continuation of English 42-A. (English 42 A). Taught in 1916-17.

Credit, 3 hours.

Professor Doxsee.

English 41 B. Victorian Prose. Carlyle. (English 31, 32 and 33.) Taught in 1915-16.

Credit, 3 hours.

Professor Doxsee.

English 42 B. Victorian Prose (continued). Ruskin. (English 31, 32 and 33). Taught in 1915-16.

Credit, 3 hours.

Professor Doxsee.

English 43 B. Victorian Prose (continued). Newman, Arnold, Huxley. (English 31, 32 and 33 and English 42 B). Taught in 1915-16.

Credit, 3 hours.

Professor Doxsee.

English 45. American Poetry. Bryant, Poe, Emerson. Page: The Chief American Poets. (English 33.)

Credit, 2 hours.

Professor Barnes.

English 46. American Poetry. Emerson, Longfellow, Lowell. Page: The Chief American Poets. (English 33.) Credit, 2 hours.

Professor Barnes.

English 47. American Poetry. Whittier, Whitman, Lanier. Page: The Chief American Poets. (English 33.) Credit, 2 hours.

Professor Barnes.

Principles of Journalism. Lectures, Daily Themes, Discussion, Conferences. (English 13.) Credit, 3 hours.

Professor Barnes.

THE BIBLE

Professor Calder.

Bible 21. Old Testament History: the Hebrew Patriarchs and the early Founders of the Nation. A study of the books from Genesis to Ruth, in the light of corroborative testimony from other sources.

Credit, 2 hours.

Bible 22. Old Testament History: the Hebrew Monarchy, the Exile, and the Restoration. The historical books from Samuel to Esther will be studied, supplemented by historical data from the prophets and outside sources.

Credit, 2 hours.

Bible 23. The Hebrew Prophets: An introduction to the study of Prophecy, with the special study of one or more of the books of the Major Prophets.

Credit, 2 hours.

Bible 31. The Life of Christ. Stevens and Burton: Harmony of the Gospels.

Credit, 3 hours.

Bible 32. The Apostolic Church; the history of the Acts and Epistles, with a special study of selected Epistles. Burton: Records of the Apostolic Age.

Credit, 3 hours.

Bible 33. A History of the English Bible, including manuscripts and versions. Biblical problems. Smythe: How we got our Bible. Credit, 3 hours.

ORATORY

Miss Griffin.

Oratory 11. Interpretation and presentation of literature. Exercises for freeing the body and the voice. Emerson: Evolution of Expression. 2 periods per week.

Oratory 11 and **English 11** are combined as one course. Credit, 3 hours.

Oratory 12. A continuation of Oratory 11. 2 periods per week.

Oratory 12 and **English 12** are combined as one course. Credit, 3 hours.

Oratory 13. A continuation of Oratory 12. 2 periods per week.

Oratory 13 and **English 13** are combined as one course. Credit, 3 hours.

Oratory 11, Oratory 12 and Oratory 13 are combined with **English 15, English 16 and English 17**, as single courses, each combined course giving a credit of 4 hours. Three terms of Oratory and Rhetoric are required of all Freshmen.

Oratory 21. Advanced Oratory. Attention is paid to detail work. Public recitals are given by the students in the course. Emerson: Sixteen Perfective Laws of Art. (Oratory 13). Two periods per week.

Credit, 1 hour.

Oratory 22. A continuation of Oratory 21. Two periods per week.

Credit, 1 hour.

Oratory 23. A continuation of Oratory 22. Two periods per week.

Credit, 1 hour.

Oratory 31. Dramatics. The study and presentation of a selected play, such as Hamlet, As You Like It, the Rivals. (Oratory 13). Two periods per week.
Credit, 1 hour.

Oratory 32. A continuation of Oratory 31. Two periods per week.
Credit, 1 hour.

Oratory 33. A continuation of Oratory 32. Two periods per week.
Credit, 1 hour.

Oratory 41. The Oration. Interpretation and presentation of extracts from famous orations and noted addresses. Each student will be required to deliver, publicly, an original oration. Clark and Blanchard: Practical Public Speaking. (Oratory 23, or, Oratory 33). Two periods per week.
Credit, 1 hour.

Oratory 42. A continuation of Oratory 41. Two periods per week.
Credit, 1 hour.

Oratory 43. A continuation of Oratory 42. Two periods per week.
Credit, 1 hour.

Oratory 45. Extemporaneous Speaking. Practice on all phases of this form of public speaking. (Oratory 43). Two periods per week.
Credit, 1 hour.

Oratory 46. A continuation of Oratory 45. Two periods per week.
Credit, 1 hour.

DEPARTMENT OF CLASSICAL LANGUAGES

Latin: Professor Calderwood; Associate Professor White.

Greek: Professor Oliphant; Miss Person.

Sanskrit: Professor Oliphant.

Archeology: Professor Oliphant.

LATIN

Latin 11. Cicero: De Senectute, and, De Amicitia. A study of the text, with reference to the grammar, contemporary history and philosophic thought. Chase and Stuart's edition is used. (Latin, 4 units)

Credit, 3 hours.

Professor Calderwood.

Latin 12. Latin Composition. A thorough review of grammar and vocabulary. Barss: Latin Composition. Book II. (Latin, 4 units.)

Credit, 3 hours.

Professor Calderwood.

Latin 13. Livy, Book XXI. Books I, II, or XXII may be substituted for Book XXI. (Latin, 4 units)

Credit, 3 hours.

Professor Calderwood.

Latin 14. Latin Composition. A course similar to Latin 12, taught in the summer term. Arnold: Latin Composition. (Latin, 4 units)

Credit, 3 hours.

Professor Calderwood.

Latin 21A. Plautus: Captivi et Trinummus. (Latin 11, or equivalent). Taught in 1916-17.

Credit, 3 hours.

Professor White.

Latin 21B. Terence: Phormio, and selections. A study of the Latin Drama. (Latin 11, or equivalent). Taught in 1915-16.

Credit, 3 hours.

Professor White.

Latin 22. Tacitus. Annals, Book 1, and contemporary history. (Latin 11 or equivalent)

Credit, 3 hours.

Professor White.

Latin 23. Horace. Selections from the odes, epodes, and satires, with a study of metre. (Latin 11, or equivalent)

Credit, 3 hours.

Professor White.

Latin 24. Ovid. Selections. Miller's text is used.

Credit, 3 hours.

Latin 31A. Social Life at Rome. A study of Fowler's text (Social Life at Rome) with supplementary reading and thesis. (Latin, 4 units, and Ancient History 1 unit). Taught in 1916-17.

Credit, 2 hours.

Professor Calderwood.

Latin 31B. Roman Political Institutions. Abbott's text with supplementary reading and thesis. (Latin 4 units, and Ancient History 1 unit). Taught in 1915-16.

Credit, 2 hours.

Professor Calderwood.

Latin 32. Quintilian. Selections from Books X and XII. Discussion of Latin writers. (Latin 11)

Credit, 2 hours.

Professor Calderwood.

Latin 33. Advanced Composition. Arnold: Latin Composition. (Latin 12)

Credit, 2 hours.

Professor Calderwood.

Latin 34. Cicero: De Officiis. Book 1 Rockwood Edition.

Credit, 2 hours.

Professor Calderwood.

Latin 41. Cicero's Letters. Selected letters. Abbott's Edition. (Latin 11, 12 and 13.) Credit, 2 hours.
Professor Calderwood.

Latin 42. Suetonius. Selections from the Lives of the Caesars. Pike's Edition. (Latin 11, 12 and 13)
Credit, 2 hours.
Professor Calderwood.

Latin 43. Vergil. Rapid reading in selected portions from Books VII to XII of Vergil's Aeneid. (Latin 11, 12 and 13)
Credit, 3 hours.
Professor Calderwood.

GREEK

Undergraduates of marked proficiency may be admitted to courses 51 to 57. These courses will be conducted largely as seminars. Any one of them may be extended to two terms for more intensive work. Courses in such other fields as Greek Historiography, Romance, Dialectology, Papyrology, Byzantine Authors, Modern Greek, Historical Syntax, Comparative Philology, including Phonology, Morphology, Etymology and Semasiology, may be substituted, if much preferred.

Greek 11. The Elements of Greek. This course is for those who begin the study in college. It aims to secure a thorough mastery of the principal inflections, a careful study of the leading principles of syntax, the acquisition of a small but efficient vocabulary and a facility in reading and writing easy sentences in Greek. Due attention is given to cognate and derivative words and to comparison with Latin morphology and with Latin and English syntax. Ball: The Elements of Greek. (Latin, 2 units.) Credit, 5 hours.

Greek 12. The Elements of Greek. This continues Course 11 and concludes with a special review of irregular verbs and a study of word composition. (Greek 11)
Credit, 5 hours.

Greek 13. Xenophon: Anabasis, Book 1. There is a rigid insistence upon an adequate and idiomatic translation and an accurate understanding and interpretation of the text. As an important ancillary, especial emphasis is laid upon the syntax of the case, mood, tense and participle. (Greek 12.) Credit, 5 hours.

Greek 21. Xenophon: Anabasis, Book II, and Prose Composition. To the studies emphasized in Course 13 is now added a special consideration of the outstanding stylistic features of Book II, as a propaedeutic to the student's later training in literary appreciation. About half the term is given to prose composition. (Greek 13) Credit, 5 hours.

Greek 22. Xenophon: Anabasis, Books III and IV. This includes a study of Xenophon as man, commander and author, of the historical importance of the expedition, Hellenic tactics, etc. (Greek 21). Credit, 5 hours.

Greek 23. Homer: Iliad. Books I and II, and selections from others, with due attention to the language, verse and poetic qualities of Homer. (Greek 22) Credit, 5 hours.

Courses 11, 12, 13, 21, 22, are taught each of the four terms by either Professor Oliphant or Miss Person.

The following courses are taught 1916-17. All courses numbered higher than 34 are taught by Professor Oliphant.

Greek 31A. Herodotus: Selections. A reading of considerable portions of his Historia with a review of the origin of historical composition among the Hellenes and a study of the Ionic dialect. (Greek 22)

Credit, 3 hours.
Miss Person.

Greek 32A. Plato: Apology and Crito. A study of the life of Socrates. (Greek 22) Credit, 3 hours.
Miss Person.

Greek 33A. Homer. Odyssey. Selections from Books I to XII. (Greek 23) Credit, 3 hours.
Miss Person.

Greek 34A. Xenophon: Hellenica or Memorabilia. (Greek 22) Credit, 3 hours.

Greek 35A. Xenophon: Minor Works, usually the Oeconomicus, Hiero or Agesilaus. (Greek 22) Credit, 2 hours.

Greek 36A. Greek Prose Composition. The writing of connected discourse in Greek and study of Greek and English idiom. (Greek 22) Credit, 2 hours.

Greek 37A. Euripides: Alcestis or Ion. (Greek 23) Credit, 2 hours.

Greek 38A. Cebes: Pinax and Dion Chrysostomus: Hunters of Euboea, or equivalents. (Greek 22) Credit, 2 hours.

Greek 41A. Plutarch: Life of Pericles. A study of the "Golden Age of Athens." (Greek, 6 hours among courses 31-38) Credit, 3 hours.

Greek 42A. Sophocles: Oedipus Tyrannus, Antigone. The Greek Theatre: Origin of Tragedy. (Same as for 41A) Credit, 3 hours.

Greek 43A. Aristophanes: Frogs, Wasps. Origin of Comedy. (Greek 41 or 42) Credit, 3 hours.

Greek 44A. Theocritus: Idylls. Influence on later pastoral poetry. (Same as for 41A) Credit, 3 hours.

Greek 45A. Sophocles: Ajax, Electra or Philoctetes. (Same as 41A) Credit, 2 hours.

Greek 46A. New Testament: Gospels. (Two courses from among Greek 41-45) Credit, 2 hours.

Greek 47A. New Testament: Selected Pauline Epistles. (Two courses from among Greek 41-46)
Credit, 2 hours.

Greek 48A. New Testament: Acts. (Two courses from among Greek 41-47)
Credit, 2 hours.

The following courses are taught 1915-16:

Greek 31B. Lysias: Selected Orations. Lysias, exemplar of the "Plain Style," illustrates the straight-forward, practical oratory. (Greek 22) Credit, 3 hours.

Greek 32B. Plato: Phaedo. A study of the greatest teacher of Hellenism on the loftiest and universally interesting subject, the immortality of the soul. (Greek 22)
Credit, 3 hours.

Greek 33B. Homer: Odyssey, Selections from Books XIII-XXIV. (Greek 23) Credit, 3 hours.

Greek 34B. Thucydides: Selections or the Sicilian Expedition. (Greek 22) Credit, 3 hours.

Greek 35B. Plato: Minor Dialogues. Usually Charmides, Laches, Lysis, Euthyphro, Ion or Menexenus. (Greek 22) Credit, 2 hours.

Greek 36B. Greek Prose Composition. A course parallel to Greek 36A and alternating with it. (Greek 22)
Credit, 2 hours.

Greek 37B. Euripides: Bacchae or Medea. (Greek 23)
Credit, 2 hours.

Greek 38B. Anthology of Hellenic Prose. Selections from Wright and Shadwell's Golden Treasury or similar works. (Greek 22) Credit, 2 hours.

Greek 41B. Lucian: Selections from Vera Historia and Dialogues, illustrative of Lucianic fun and mischief, mastery of satire and modern spirit. (Same as for 41A)
Credit, 3 hours.

Greek 42B. Aeschylus: Prometheus Vincit, Agamemnon. (Same as for 41A) Credit, 3 hours.

Greek 43B. Aristophanes: Birds, Clouds. (Greek 41 or 42) Credit, 3 hours.

Greek 44B. Attic Orators: Selections illustrative of various "styles" and authors. (Same as for 41A) Credit, 3 hours.

Greek 45B. Elegiac, Iambic and Lyric Poets: Selected poems and fragments. (Same as for 41A) Credit, 2 hours.

Greek 46B. New Testament: Catholic and Pastoral Epistles. (Two courses from among Greek 41-45) Credit, 2 hours.

Greek 47B. Septuagint: Selections. (Two courses from among Greek 41-46) Credit, 2 hours.

Greek 48B. New Testament: Selections. (Two courses from among Greek 41-47) Credit, 2 hours.

Greek 51. Melic Poets: Selections. The principal fragments of the great lyric poets, Alcman, Alcaeus, Sappho, Anacreon, Simonides, Stesichorus, etc., with longer selections from Pindar and Bacchylides. Also a study of lyric metres. (Greek 42 or equivalent) Credit, 3 hours.

Greek 52. Greek Drama: Selected Plays and Fragments. A study of the dramatic authors and their art. (Greek 42 or equivalent) . Credit, 3 hours.

Greek 53. Greek Epigraphy and Palaeography. A number of inscriptions in different dialects and alphabets may be read from facsimile copies. Photographic reproductions of papyri and manuscripts will be used for the work in palaeography. (Greek 51 or 52) Credit, 3 hours.

Greek 55. Greek Oratory: Demosthenes's De Corona and illustrative selections from other orators and

from the literary critics, especially Dionysius Halicarnasseus. (Greek 51 or 52) Credit, 3 hours.

Greek 56. Greek Philosophy. The fragments of pre-Socratic philosophy may be read in Ritter and Preller and selections from Aristotle's Nicomachean Ethics or Plato's Republic. (Greek 51-52) Credit, 3 hours.

Greek 57. Greek Literature. A survey of the literature from Homer to the Alexandrian Age, with illustrative readings in prose and verse. (Greek 51 or 52) Credit, 3 hours.

SANSKRIT AND INDO-EUROPEAN PHILOLOGY

Sanskrit 41-43. The Elements of Sanskrit. The essentials of the grammar and the reading in Devanagari of such texts as the Nala Episode from the Mahabharata, the Hitopadeca, the Katha-Sarit-Sagara, the Manava-Dharma-Castra, the Pancatantra, etc. (At least 2 years in each of 2 foreign languages, preferably Latin and Greek) Credit, 3 hours.

Sanskrit 45-46. The Rig Veda and the Atharva Veda: Selected hymns. The sacred literature of ancient India and the earliest monuments of Indo-European speech. Invaluable to the student of philology, comparative literature, comparative religion, folklore, etc. (Sanskrit 43) Credit, 3 hours.

Sanskrit 47. Vedic Prose: Selections from the Catapatha Brahmana, Aitareya Brahmana, Chandogya Upanishad, Acvalayana Grihya Sutra, etc. (Sanskrit 41-43) Credit, 2 hours.

Sanskrit 49. Sanskrit Drama: The Cakuntala of Kalidasa—the most admired work of "India's Shakespeare." (Sanskrit 41-43) Credit, 2 hours.

Pali 51-52. The essentials of Pali grammar and readings from the Dhammapada, Cullavagga, Petavatthu, Mahavagga, Jatakas, etc. (Sanskrit 45-46) Credit, 3 hours.

Avestan 51-52. The essentials of the grammar and readings from the Scriptures of Zarathushtra (Zoroaster), the Yasna, Yashts and Vendidad. Valuable for philology and comparative religion. (Sanskrit 45 and 46.)

Credit, 3 hours.

Lithanian 51-52. The grammar and readings from the Lithuanian New Testament, the poems of Donalitis, the Dainos (folk-songs) and Pasukos (Maerchen). Valuable for philology, folklore, etc. (Sanskrit 41-43)

Credit, 3 hours.

Philology 55-57. Comparative Philology of the Indo-European Speech. The Indo-European vowels, consonants, morphology, suffixes, etc., illustrated from the whole range of Indo-European speech. This course will be accompanied by an account of the early Indo-Europeans, their civilization, etc., and a survey of the Indo-European languages. (Sanskrit 43) Credit, 2 hours.

The foregoing courses will be given by the Greek department at any time that the demand may justify it, to those students of marked linguistic ability who desire them as a propaedeutic to teaching the Classics or for the cultural value to be derived from such extension of linguistic and literary knowledge. Courses 41-43 and 55-57 are of great value to any student intending to teach any language, even his own.

ARCHAEOLOGY

Archaeology 41A. Hellenic Archaeology. A study of the architecture, sculpture, terracottas, metal work, coins, engraved gems, vases, mosaics, etc., of ancient Hellas. Fowler and Wheeler: Greek Archaeology. (90 hours of college work). Taught in 1916-17.

Credit, 3 hours.

Archaeology 42A. Hellenic Archaeology. A continuation of 41A, together with a study of the topog-

raphy, monuments and public antiquities of Athens as described by Pausanias. Fowler and Wheeler: Greek Archaeology. Frazer: Pausanias. (Archaeology 41A). Taught in 1916-17. Credit, 3 hours.

Archaeology 41B. Hellenic Private Life. A study of the private life of the Hellene from the cradle to the grave, including childhood, education, food, dress, marriage, condition of woman, house and furniture, amusements, religion, slaves, funeral and burial customs, etc. (90 hours of college work). Taught in 1915-16. Credit, 3 hours.

Archaeology 42B. Hellenic Public Life. A study of the public life of the Hellene, including politics, government, revenues, finance, manufactures, industries, trusts, commerce, exports and imports, insurance, wages, prices, interest, army, navy, fortifications, town planning, public buildings, parks, national games, international arbitration, courts of justice, public charities, professions, urban and rural life, etc. (Archaeology 41B). Taught in 1915-16. Credit, 3 hours.

DEPARTMENT OF MODERN LANGUAGES

German: Professor Caruthers.

Romance Languages: Professor Barnes.

GERMAN

Those students who offer German as a language for a degree must offer nine hours of German, beginning with German 15; the work of German 15 presupposes two years' previous training in German. This necessary previous training is covered by German, 2 units, by German, 1 unit and Courses 11, 12, 13 or by German 25, 26, 27. Elementary German is taught as a preparatory subject.

German 11. Second year German, first term. German Grammar is thoroughly reviewed and a thorough drill is given in conversation and composition. Pope: Writing and Speaking German. (German, 1 unit)

Credit, 3 hours.

German 12. Second year German, second term. A continuation of German 11. Easy translation is added to the work in Grammar, Composition and Conversation. "Höher als die Kirche." (German 11)

Credit, 3 hours.

German 13. Second year German, third term. A continuation of German 12. In addition to the work of translation in Schiller's "Wilhelm Tell," much work in prose composition is done. (German 12)

Credit, 3 hours.

German 15. Prose Composition. Composition, conversation are systematically practiced. Bacon: Prose Composition. (German 13 or German, 2 units)

Credit, 3 hours.

During the first two weeks the students in German 15 are examined in conversation, composition and general knowledge of grammar. Those whose work in this test shows insufficient preparation for the course are required to substitute German 11 for German 15. It is understood that in such cases German 11 does not count toward the nine hours of German required for the degree.

German 16. Survey of German Literature. Priest: Survey of German Literature. (German 13, or, German, 2 units; German 15 is advised) Credit, 3 hours.

German 17. Short story course. (German 15).
Credit, 3 hours.

German 21. Schiller, "Jungfrau von Orleans," "Maria Stuart," and selected poems are translated in class. Thomas: Life of Schiller, and "Kabale und Liebe" or "Die Räuber" are assigned for outside reading. (German 15, and German 16.) Credit, 3 hours.

German 22. Conversation and Advanced Prose. Pope: Advanced German Composition. (German 15)
Credit, 3 hours.

German 23. Schiller. "Wallenstein." Outside work on the Thirty Years War. (German 16 and 17; German 21 is advised). Credit, 3 hours.

German 31. Goethe. "Hermann and Dorothea" and "Sesenheim" are translated in class; "Goetz von Berlichingen" and Sime: Life of Goethe are assigned for outside reading. (German 15, 16 and 17.) Credit, 2 hours

German 32. Goethe, continued. "Egmont," "Iphigenie" and selected poems are translated. (German 31)
Credit, 2 hours.

German 33. Heine's Prose. Credit, 2 hours.

The Lessing Course may be substituted for Heine's Prose. "Minna von Barnhelm" and "Nathan der Weise"

are read in class, and Lessing's *Life and Work* is assigned for outside reading. (German 23).

Credit, 2 hours.

German 41. *Faust*—part 1. (German 23)

Credit, 2 hours.

German 42. Advanced Prose Composition; or, Nineteenth Century Novel. A general study of the novelists and their classifications. (German 23)

Credit, 2 hours.

German 43. *Das Niebelungen Lied*; or, Nineteenth Century Drama. (German 23)

Credit, 2 hours.

German 25, German 26 and German 27 constitute a course of collegiate grade for students who have never studied German. It is aimed to cover work equivalent to two years of high school German, or, to Courses 1, 2 and 3 (page 98) and courses 11, 12, 13. On completion of this course, students are ready for German 15. At least, four years previous training in language is necessary to handle the work of this course. The class meets five times per week and gives a credit of 5 hours each term.

ROMANCE LANGUAGES

Professor Barnes.

FRENCH

Those students who offer French as a language for the degree must offer nine hours of French beginning with French 15; the work of French 15 requires two years previous training in French. This necessary previous training is covered by French, 2 units, or, by French, 1 unit and French 11, 12 and 13. Elementary French is taught as a preparatory subject.

French 11. Grammar, composition and reading. Fraser and Squair's grammar; "*Colomba*." (French 3)

Credit, 3 hours.

French 12. Continuation of French 11. "La Belle Nivernaise, "Madame Thérèse;" memorizing. (French 11) Credit, 3 hours.

French 13. Continuation of French 12. "Les Misérables" (selections). (French 12) Credit, 3 hours.

French 15. Reading. "La Débâcle," "Contes Modernes." (French 11) Credit, 3 hours.

French 16. Continuation of French 15.. "La Petite Fadette;" class room work and collateral reading; reports in French. (French 15) Credit, 3 hours.

French 17. Continuation of French 16. Seventeenth Century Prose. (French 16) Credit, 3 hours.

French 21. The classical drama. "Le Cid," "Andromaque." (French 15) Credit, 3 hours.

French 22. Continuation of French 21. "Les Précieuses Ridicules," "Le Médecin Malgré Lui;" themes and reports in French. (French 15) Credit, 3 hours.

French 23. Advanced Composition. (French 17) Credit, 3 hours.

French 31. Rapid reading of representative modern fiction. Reports on limited fields. (French 23) Credit, 2 hours.

French 32. Survey of French literature. An outline course treating of the main significant literary forms and movements. Lectures, class room work, reading and reports. (French 31) Credit, 2 hours.

French 33. Contemporary Literature. A course dealing mainly with the novel and the short story. Class room work, collateral reading and reports. (French 32) Credit, 2 hours.

French 41. Modern Lyric Poetry, dealing with the periods following the romantic movement. Leconte de Lisle, Prudhomme, Baudelaire, Verlaine. The Oxford Book of French verse. (French 33) Credit, 2 hours.

French 42. The Modern Drama, lectures and assigned reading. Hugo, De Musset, Scribe, Augier, Dumas, Rostand, Hervieu. (French 33) Credit, 2 hours.

French 43. Composition, Conversation and Reading, based on nineteenth century prose writers representative of tendencies in contemporary thought. (French 42) Credit, 2 hours.

ITALIAN

Italian 1, Italian 2, Italian 3, constitute an elementary course dealing with pronunciation, grammar and reading of simple prose. Five recitations per week. Credit for each course, $\frac{1}{3}$ unit, or 3 hours.

Omitted in 1915-16.

ROMANCE PHILOLOGY

(Primarily for candidates for departmental honors).

Course 1. An introductory course dealing with the change of the Lingua Vulgaris into its dialects, Spanish, French, Italian and Portuguese. As a prerequisite the student should have completed five years of Latin, four years of French and have at least a reading knowledge of Spanish and Italian. Grandgent: Introduction to Vulgar Latin. Credit, 2 hours.

Course 2. An introductory course in Provençal Bartsch: Chrestomathie Provençale. Credit, 2 hours

SPANISH

Spanish 11. Elementary Course. Manning: Grammar; Harrison: Reader; "El Pájaro Verde." Five recitations per week. (Latin, 4 units, and French, 2 units) Credit, 5 hours.

Spanish 12. A continuation of Spanish 11. "Cuentos Castellanos;" Memorizing. (Spanish 11.) Five recitations per week. Credit, 5 hours.

Spanish 13. A continuation of Spanish 12. "El Capitan Veneno." (Spanish 12.) tFive recitations per week. Credit, 5 hours.

Spanish 15. Reading and Composition. "Pedro Sanchez." (Spanish 13.) Credit, 3 hours.

Spanish 16. A continuation of Spanish 15. "Doña Perfecta." (Spanish 13.) Credit, 3 hours.

Spanish 17. A continuation of Spanish 16. "Gil Blas" (selections). "Don Quijote" (selections). (Spanish 13.) Credit, 3 hours.

Spanish 21. Composition, Commercial correspondence and reading. (Spanish 13.) Credit, 2 hours.

Spanish 22. Lope de Vega, and Calderon (selections). (Spanish 13.) Credit, 2 hours.

Spanish 23. Rapid reading of representative modern authors. (Spanish 13.) Credit, 2 hours.

DEPARTMENT OF THE SCIENCES AND MATHEMATICS

Chemistry: Professor Sieplein; Mr. Hoyt.

Physics: Professor Harmon; Mr. Southworth.

Biology: Mr. Cribbs.

Mathematics: Professor Ketler; Mr. Ramsey.

CHEMISTRY

Chemistry 11A. General Chemistry, first term. The class work consists of a drill in the application of the electrolytic dissociation theory to qualitative analysis. In the laboratory the reactions of bases, salts and acids are studied. The aim of the laboratory work is to develop a thorough understanding of the reactions involved in the qualitative analytical methods. Stieglitz: Qualitative Analysis, Volumes 1 and 2. (Chemistry 1 unit and Chemical Arithmetic). 3 recitations and 1 laboratory period per week. Credit, 4 hours. Professor Sieplein.

Students who have not completed a thorough course in the calculations of Chemistry are required to enroll in the special fall term course in Chemistry 17A. Credit, 2 hours. Mr. Hoyt.

Chemistry 12A. General Chemistry, second term. A continuation of Chemistry 11A. The general theories and principles of inorganic chemistry are studied in the class room. Stoichiometric principles and chemical equations are given large place. The laboratory work is a continuation of the study of qualitative analytical methods. Smith: General Chemistry for Colleges. Stieglitz: Qualitative Analysis, volume 2. (Chemistry

11A.) 3 recitations and 1 laboratory period per week.
Credit, 4 hours.
Professor Sieplein.

Chemistry 13A. General Chemistry, third term. A continuation of Chemistry 12A. (Chemistry 12A.) 3 recitations and 1 laboratory period per week.
Credit, 4 hours.
Professor Sieplein.

Chemistry 11B, Chemistry 12B and Chemistry 13B are courses paralleling the above courses, but involve a greater amount of laboratory practice. This additional laboratory practice is planned to meet the requirement in chemistry for those intending to study medicine.

Chemistry 14. Qualitative Theories. A one-term course dealing with the applications of the electrolytic dissociation theory to chemical problems. The course is planned to give those who are unable to take Chemistry 11, 12 and 13, a thorough understanding of the importance of ions in chemical action. Stieglitz: Qualitative Analysis, Volume 1. (Chemistry, 1 unit) Credit, 3 hours.
Professor Sieplein.

Chemistry 17A. Chemical Arithmetic. A study of the stoichiometric principles of chemistry. The calculation of gas volumes under various conditions, percentage composition, weights of reaction products, and the balancing of metathetical and oxidation equations, compose the course. Hale: Calculations of Chemistry.
Credit, 3 hours.
Mr. Hoyt.

Chemistry 17B. Household Chemistry. A study of the specialized chemistry of foods. The study of the elements in foods, proteins, carbohydrates and fats, of adulterants and tests for each, constitutes the course. Jordan: Principles of Human Nutrition. (Chemistry,

1 unit). 2 recitations and 1 laboratory period per week.

Credit, 3 hours.

Mr. Hoyt.

Chemistry 18. Elementary Organic Chemistry. A course dealing with the general principles of organic chemistry, planned especially for those desiring a short course preparatory to medical schools. Cohen: Theoretical Organic Chemistry. (Chemistry 13). 5 recitations and 2 laboratory periods.

Credit, 7 hours.

Professor Sieplein.

Chemistry 21. Qualitative Analysis. The class work deals with the methods of wet and blowpipe analysis with the application of electrolytic dissociation to metathetical and oxidation reactions. In the laboratory unknowns of acids and metals are solved by solution methods and several unknowns are solved by blowpipe methods. Prescott & Johnson: Qualitative Analysis. 2 recitations and 2 laboratory periods per week.

Credit, 4 hours.

Mr. Hoyt.

Chemistry 22. Gravimetric Quantitative Analysis. The general methods of gravimetric analysis with the stoichiometry involved are the basis of the class room work. In the laboratory gravimetric methods are applied to the analysis of various salts. Electrolytic methods also receive attention. Talbot: Quantitative Analysis. (Chemistry 21). 2 recitations and 1 laboratory period per week.

Credit, 3 hours

Mr. Hoyt.

Chemistry 23. Volumetric Quantitative Analysis. The volumetric methods of various types are considered and lastly methods of analysis for the common metals. The familiar exercises in acidimetry, alkalimetry, permanganate and dichromate methods, and iodimetry are carried out in laboratory practice. Talbot: Quantita-

tive Analysis. (Chemistry 22). 2 recitations and 1 laboratory period per week. Credit, 3 hours.

Mr. Hoyt.

Chemistry 24. Qualitative Analysis. Solubilities and the application of electrolytic dissociation to qualitative analysis are considered, with the balancing of metathetical and oxidation equations. Unknowns of metals and acids are solved both by solution and dry methods. Prescott & Johnson: Qualitative Analysis. (Chemistry 14 or equivalent.) 3 recitations and 1 to 3 laboratory periods per week. Credit, 4 to 6 hours.

Mr. Hoyt.

Chemistry 31. Industrial Chemistry. The commercial applications of chemistry especially in the manufacture of chemical materials. Thorp: Industrial Chemistry. (Chemistry 23). 3 recitations per week.

Credit, 3 hours.

Mr. Hoyt.

Chemistry 32. Metallurgy. The blast furnace, Bessemer and open-hearth processes, the processes for the preparation of zinc, copper, gold, and silver from their ores constitute the material of the course. Wysor: Metallurgy. (Chemistry 23; Chemistry 31 is advised). 3 recitations per week.

Credit, 3 hours.

Mr. Hoyt.

The testing of various metallurgical materials is taken up in the laboratory. Wysor: Analysis of Engineering Materials. (Chemistry 23). 2 laboratory periods per week.

Credit, 2 hours.

Except with the consent of the department the classroom work and laboratory work must be taken together.

Chemistry 33. Food and Water Analysis. Methods of analysis for dairy products, fertilizers, liquors and wines, baking powder, sugar, meats and the adulterants commonly used. In the latter part of the term the

sanitary and bacteriological examination of water is studied; in the laboratory food substances and water are analyzed. The inspection of food and water, and the standards which they should meet are carefully considered. Bulletin 107, U. S. Department Agriculture. (Chemistry 31). 2 recitations and 3 laboratory periods per week.

Credit, 5 hours.

Mr. Hoyt.

The work on food analysis constitutes a course with one recitation and two laboratory periods per week; that on water analysis a course with one recitation and one laboratory period per week. These courses are usually taken together.

Chemistry 34. Quantitative Analysis. The methods of volumetric and gravimetric analysis are studied and the stoichiometry involved. Exercises in analyzing various salts by gravimetric methods and simple exercises in acidimetry and alkalimetry, iodimetry and permanganate and dichromate methods are carried out in the laboratory. Talbot: Quantitative Analysis. (Chemistry 21, or Chemistry 24). 2 recitations, and, 1 or 2 laboratory periods per week.

Credit, 3 or 4 hours.

Mr. Hoyt.

Chemistry 41. Organic Chemistry, first term. The work of the first term deals with aliphatic compounds as far as polybasic acids. Holleman: Textbook of Organic Chemistry. (Chemistry 13, or Chemistry 14). Taught in 1916-17.

Credit, 3 hours.

Professor Sieplein.

Chemistry 42. Organic Chemistry, second term. A continuation of Chemistry 41, dealing with polybasic acids, sugars and proteins. (Chemistry 41). 2 recitations and 1 laboratory period per week. Taught in 1916-17.

Credit, 3 hours.

Professor Sieplein.

Chemistry 43. Organic Chemistry, third term. A continuation of Chemistry 42, dealing with cyclic compounds. (Chemistry 42). 3 recitations and 1 laboratory period per week. Taught in 1916-17. Credit, 4 hours.

Professor Sieplein.

Chemistry 45. Theoretical and Physical Chemistry, first term. A course dealing with stoichiometry, theories of matter, the laws and theories of gases. Bigelow: Theoretical and Physical Chemistry. (Physics 23, and, Chemistry 13, or 14). Taught in 1915-16.

Credit, 3 hours.

Professor Sieplein.

Chemistry 46. Theoretical and Physical Chemistry, second term. A continuation of Chemistry 45, dealing with the laws and theories of liquids, solids and solutions. (Chemistry 45). Taught in 1915-16. Credit, 3 hours.

Professor Sieplein.

Chemistry 47. Theoretical and Physical Chemistry, third term. A continuation of Chemistry 46. Velocities and equilibria in chemical reactions; thermochemistry; electrochemistry. (Chemistry 46). Taught in 1915-16.

Credit, 3 hours.

Professor Sieplein.

PHYSICS

Professor Harmon; Mr. Southworth.

Physics 21A. Properties of matter and elementary theory of mechanics. Kimball: College Physics; Conrad: Laboratory Manual with the experiments amplified and supplemented. (Mathematics 11, Physics, 1 unit). 3 recitations, 1 laboratory period per week.

Credit, 4 hours.

Physics 22A. Elementary theory of heat, magnetism and static electricity. (Physics 21A). 3 recitations and 1 laboratory period per week. Credit, 4 hours.

Physics 23A. The elements of current electricity, sound and light. (Physics 22A). 3 recitations and 1 laboratory period per week. Credit, 4 hours.

Physics 21B, Physics 22B and Physics 23B are courses paralleling the above, designed for students who have not completed preparatory physics, or, those who need additional laboratory practice. This additional laboratory practice is necessary for those intending to meet the requirements for entrance to medical schools. The theory is presented with this requirement in mind. The same laboratory manual is used but 50 experiments are required for the complete course.

Physics 21, 22 and 23 afford a general course in which a student becomes familiar with the elementary principles of the science and their applications. The subject matter is presented through the means of very fully illustrated experimental lectures in which the lantern is much used. The student is frequently referred to the departmental library. He is required to solve a large number of problems and to write elaborate reports on his laboratory work. Two weeks of weather observation is included in the laboratory course.

Physics 25, Physics 26 and Physics 27 constitute a course in Household Physics corresponding to the above in all essential respects but with the special stress on the application of physics to the home. Lynde: Physics of the Household. The course is arranged with 1 or 2 laboratory periods as that in Physics 21, 22 and 23. 3 recitations per week. Credit, 4 hours.

Physics 31. Elementary Mechanics and Heat. Franklin and McNutt: Mechanics and Heat. Special and selected experiments from standard manuals for college physics. (Physics 23). 2 recitations and 1 laboratory period per week. Credit, 3 hours.

Physics 32. A continuation of Physics 31. (Physics 31). 2 recitations and 1 laboratory period per week.
Credit, 3 hours.

Physics 33. Electricity and Magnetism. Franklin and McNutt: Electricity and Magnetism. (Physics 32). 2 recitations and 1 laboratory period per week.
Credit, 3 hours.

Physics 31, 32, 33 afford a more technical course than Physics 21, 22 and 23, and are an introduction to Theoretical and Practical Physics. The many problems used are of an especially practical sort and of greater difficulty than those of Physics 21, 22 and 23. 30 laboratory experiments are required in the year's work. These are more thorough and of greater difficulty than those of the elementary course. They require the use of more accurate apparatus and demand skill of manipulation and observation. The reports cover the theory and the analysis of data in most thorough fashion.

Physics 41. Teacher's Course in Physics. Mann: The Teaching of Physics. (Physics 23.) Credit, 2 hours.

Physics 42. Continuation of Physics 41. (Physics 41)
Credit, 2 hours.

Physics 43. Continuation of Physics 42. (Physics 42)
Credit, 2 hours.

Physics 41, 42 and 43 are intended for those intending to teach high school physics. The work consists of a discussion of the methods of teaching, of courses, of textbooks, catalogues of supply houses. Of the equipment of the laboratory, of care and construction of apparatus, of direction of the laboratory work and of giving experimental lectures before a class. In general, the point of view taken is that of the teacher.

Physics 47A. Meteorology: A descriptive course in meteorology in which the material is presented by lectures and observations supplemented by class discus-

sions. (Physics 23). Taught in the spring term 1917.
Credit, 3 hours.

Physics 47B. Light and Sound. Franklin and McNutt: Light and Sound. Taught in the spring term 1916.
(Physics 23) Credit, 3 hours.

Physics 47B is a companion course to Physics 31, 32 and 33, being of the same grade and character.

BIOLOGY

Biology: Mr. Cribbs.

The biological work as here outlined aims to deal with three classes of students.

To those who desire a general knowledge of biological subjects are recommended courses 11, 12, 13, 16, 17, 26 and 36.

Those who are planning to enter the medical schools should choose courses 11, 16 and 17. This covers the standard requirement of the best schools.

Those who intend to teach or specialize in biology should, after the required Freshman preparation, elect from among the following: For Botany courses 21, 22, 23, 26 and 41. For Zoology courses 26, 31, 32, 33 and 37.

Biology 11. Introductory Biology. This course is offered for those students who cannot take the more extended work, Botany and Zoology, or, as an introduction to that more extended work. Conn: Biology. Taught in the fall term. 3 recitations and 2 laboratory periods per week.
Credit, 5 hours.

Biology 12. Introductory Botany. This course deals with the structure, methods of reproduction, and soil relation of the higher plants. A study is made also of all plant functions and the principles involved in horticulture. Percival: Agricultural Botany. (Biology 11 or equivalent). 3 recitations and 2 laboratory periods per week.
Credit, 5 hours.

Biology 13. Continuation of Biology 12. Gives a resume of the plant kingdom, dealing especially with economic forms. Special study is made of the lower forms responsible for diseases of cultivated plants, together with methods of control and remedy. Percival: Agricultural Botany. (Biology 12). 3 recitations and 2 laboratory periods per week. Credit, 5 hours.

Biology 21. Cryptogamic Botany. Systematic study of typical forms of the lower plants (bacteria, algae, fungi, mosses, ferns, etc.) Collateral reading. Lectures and field trips. Intended for students who wish to fit themselves as teachers, foresters, plant pathologists, etc. Coulter, Barnes and Cowles: Textbook of Botany, Vol. 1, Part 1. (Biology 12.) 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 22. Continuation of Biology 21. (Biology 21). 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 23. Phanerogamic Botany. A course continuing the principles and aims of Biology 22, but dealing with the flowering plants. (Biology 22). 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 41. Plant Histology and Botanical Technique. The preparation and study of microscopic mounts, imbedding, sectioning and staining methods. Open only to the well prepared student. Application for admission to this course must be made to the professor in charge. Chamberlain: Methods in Plant Histology. Credit, 4 hours.

ZOOLOGY

Biology 16. Introductory Zoology. The courses in general zoology attempt to lay a basis for future specialization. Laboratory work is largely anatomical and deals with selected type animals from the important

animal phyla. Hegner: College Zoology. (Biology 11 or equivalent). 3 recitations and 2 laboratory periods per week. Credit, 5 hours.

Biology 17. Vertebrate Zoology. A continuation in method of Biology 16, but dealing in an introductory way with the vertebrate animals. Hegner: College Zoology. (As for Biology 16). 3 recitations and 2 laboratory periods per week. Credit, 5 hours.

Biology 31. Invertebrate Morphology. Systematic study of invertebrates; collateral reading, text-book, dissections, and lectures on phylogeny, embryology, etc. Corellative with Biology 21. Hertwig: Manual of Zoology or, Parker and Haswell: Text Book of Zoology. (Biology 16.) 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 32. A continuation of Biology 31. (Biology 31). 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 33. Vertebrate Morphology. A continuation of Biology 32, but dealing with the vertebrates. (Biology 32). 2 recitations and 2 laboratory periods per week. Credit, 4 hours.

Biology 37. Human Anatomy and Physiology. A course consisting of text-book work supplemented by the study of charts and models. Laboratory work in histology and mammalian dissection. Martin: Human Body—advanced. (Biology 11, or equivalent). 4 recitations and 1 laboratory period per week. Credit, 5 hours.

Biology 26. Genetics: An introduction to the study of heredity. Text book, lectures and discussions. Walter: Genetics. (Biology 12 or 16). 3 recitations per week. Credit, 3 hours.

MATHEMATICS

Professor Ketler; Mr. Ramsey.

Mathematics 11. Plane Trigonometry. Granville:

Plane and Spherical Trigonometry. (Algebra $1\frac{1}{2}$ units and Geometry $1\frac{1}{2}$ units) Credit, 4 hours.

Mathematics 12. College Algebra, first term. Radicals to Mathematical Induction. Milne: Advanced Algebra. (Algebra $1\frac{1}{2}$ units and Geometry 1 unit) Credit, 4 hours.
Professor Ketler.

Mathematics 13. College Algebra, second term. Mathematical Instruction, completing the text, including Theory of Equations. Milne: Advanced Algebra. (Mathematics 12) Credit, 4 hours.
Professor Ketler.

Mathematics 21. Analytical Geometry including polar coordinates. Smith and Gale: Elements of Analytical Geometry. (Mathematics 11 and 12; Mathematics 13 is advised) Credit, 3 hours.
Professor Ketler.

Mathematics 22. Advanced Analytical Geometry. Transformation of Coordinates, completing Plane Analytical Geometry and including a brief survey of Solid Analytical Geometry. Smith and Gale: Elements of Analytical Geometry. (Mathematics 21.) Credit, 3 hours.
Professor Ketler.

Mathematics 23. Spherical Trigonometry. Granville: Plane and Spherical Trigonometry. (Mathematics 11 and 12) Credit, 3 hours.
Mr. Ramsey.

Mathematics 31. Plane Surveying. Classroom work is supplemented by field work in which the student is taught the use of the instruments in a practical way. Among the problems considered are: the measurement of a straight horizontal line; measurement and laying off horizontal angles; computation of area, height and distance, and the laying out of curves. The latter

portion of the course is given to leveling and grading problems, laying of sewers, etc. Breed and Hosmer The Principles and Practice of Surveying, Volume 1. (Mathematics 11 and 12)

Credit, 3 hours.

Mr. Ramsey.

Mathematics 32. Differential Calculus. Granville: Elements of Calculus. (Mathematics 21)

Credit, 3 hours.

Mr. Ramsey.

Mathematics 33. Integral Calculus. Granville: Elements of Calculus. (Mathematics 32.)

Credit, 3 hours.

Professor Ketler.

ASTRONOMY

Professor Harmon.

Astronomy 31. A general descriptive course. Young: Manual of Astronomy. (Mathematics 23 and Physics 23).

Credit, 3 hours.

Astronomy 32. Continuation of Astronomy 31. (Astronomy 31)

Credit, 3 hours.

Astronomy 34. A general descriptive course covering the material of Astronomy 31 and 32, a special course for the summer term. Young: Manual of Astronomy. (Mathematics 23 and Physics 23).

Credit, 5 hours.

MECHANICAL DRAWING

Professor Harmon.

The aim of the first year's course is to become familiar with the various styles of lettering and to acquire skill in their formation, to become familiar with the drawing instruments and their use and to apply them in making geometrical drawings and projections used in the solution of the problems given in the course.

First term. Free hand drawing, lettering and geometrical drawing. Thompson: Books 1 and 2.

Credit, 5 hours.

Second term. Projection and perspective: advanced lettering. Tracey.

Credit, 5 hours.

Third term. Continuation of the second term's work.

Credit, 5 hours.

The intent of the second year's work is to give the student such knowledge as will prepare him to pursue a course in engineering and such practice in drawing as will qualify him to do ordinary commercial work.

First term. Free hand sketching of machine parts, and scale drawing of the same.

Credit, 5 hours.

Second term. Complete drawing of machines.

Credit, 5 hours.

Third term. Elementary Machine Design.

Credit, 5 hours.

Advanced work in machine design and mechanism is arranged to meet the needs of the student.

DEPARTMENT OF ATHLETICS AND PHYSICAL TRAINING

Director: H. W. Harmon.

Medical Advisor: Dr. B. A. Montgomery.

Instructor for Men: Howard M. Acher.

Instructor for Women: Miss Evelyn Pew Lockhart.

ATHLETICS FOR MEN

All forms of athletics at the college are under the direct supervision of the athletic director and medical advisor. The coach of the various athletic teams accompanies the teams on all trips away from the college.

By this arrangement the college aims not only to foster and encourage athletics by providing a coach of wide athletic experience, but also to safe-guard the health and mind of the students by placing them under the instruction and care of a competent physician and responsible official of the college. Systematic physical training according to sound hygienic principles is offered to all, although a general participation in out-door and in-door athletics is encouraged. Students are permitted to remain on the athletic teams only so long as athletics do not interfere with the pursuit of their studies. The rules governing intercollegiate contests (page 44) apply to all athletic teams. The forms of athletics in which the college participates are foot-ball, basket-ball, base-ball, track and tennis. The control of athletics is in the hands of an Athletic Committee appointed from the Faculty by the President. The direct management is by a student manager working under a joint committee of seven; two members from the faculty, two members from the alumni and three members from the student body.

ATHLETICS FOR WOMEN

Some form of physical training is required of all the young women of the College. Though this work is required the individual is given the option of many sports, such as tennis, basket-ball, field hockey, swimming, folk dancing and gymnastics. The costume used by the young ladies consists of a plain white middy-blouse, black bloomers and gymnasium shoes. In the swimming classes, a tight fitting one-piece swimming suit and rubber cap are used.

THE PREPARATORY DEPARTMENT

Grove City College maintains a preparatory department in which the branches preparing for college are taught. Owing to the enlarging high school curricula many graduates of high schools find themselves deficient in some portion of the work necessary for entrance to certain college classes. By taking work in the Preparatory Department the student finds it possible to carry out his plans for a college course without an especial hardship because of a change of plans since entering the high school. The young man or young woman who has not had the opportunity of finishing a high school course finds at Grove City College classes suited to his needs. As the work of the Preparatory Department is taught by teachers of large experience, the student finds it possible to complete the preparatory work in shorter time than would be required at a high school. Classes in various grades of languages, mathematics, English and science are taught each of the four sessions. The student in the preparatory work has the opportunity of association with the more mature college students.

The tuition in the Preparatory Department is twenty-eight dollars per term. In courses requiring laboratory practice a fee is charged. (See page 38.) The student is allowed admission to athletic contests, use of the gymnasium and, in case of illness, hospital expenses, up to forty dollars, are met by the College. The subjects taught in the Preparatory Department are listed below.

HISTORY

Assistant Professor Brown.

History 1. Greek History. The history of Greece

to the death of Alexander the Great. Myers: General History. 5 recitations per week.

Credit, $\frac{1}{2}$ unit, or 3 hours.

History 2. Roman History. The history of Rome to the fall of the Roman empire. Myers: General History. 5 recitations per week. Credit, $\frac{1}{2}$ unit, or 3 hours.

History 3. General History. A brief review of the history of Greece and Rome, followed by a study of the Middle Ages and concluding with modern times. Myers: General History. 5 recitations per week.

Credit, $\frac{1}{2}$ unit, or 3 hours.

ENGLISH

Mrs. Ritchey.

English 1. Preparatory Rhetoric, first term. The work in this course includes a brief review of grammar and punctuation. Compositions are frequently written. Special attention is given to the writing of clear correct English. Lockwood and Emerson: Composition and Rhetoric. 5 recitations per week. Credit, $\frac{1}{2}$ unit.

English 2. Preparatory Rhetoric, second term. A continuation of English 1. 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

English 3. Preparatory Rhetoric, third term. A continuation of English 2. 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

English 5. Preparatory Classics, first term. A critical study is made of some of the masterpieces of English and American writers. (Rhetoric, 1 unit). 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

English 6. Preparatory Classics, second term. A continuation of English 5. 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

English 7. Preparatory Classics, third term. A continuation of English 6. 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

LATIN

Elementary Latin. A three-term course giving a thorough drill in forms, vocabulary and the elementary principles of grammar with daily practice in turning Latin into English and English into Latin. The text used is Pearson: Essentials of Latin.

Latin 1. Lessons 1 to 25. 5 recitations per week.

Credit, $\frac{1}{3}$ unit.

Latin 2. Lessons 26 to 50. 5 recitations per week.

Credit, $\frac{1}{3}$ unit.

Latin 3. Lessons 51 to end of the book. 5 recitations per week.

Credit, $\frac{1}{3}$ unit.

Professor White.

Latin 4. Caesar, first term. Books 2 and 3 of Caesar's Gallic Wars using Allen and Greenough's text. Translation with systematic study of Allen and Greenough's Grammar. (Latin 3). 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

Professor White.

Latin 5. Caesar, second term. Books 1 and 4 of Caesar's Gallic Wars; a continuation of Latin 4. (Latin 3). 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

Professor White.

Latin 6. Cicero, first term. The first three Orationes against Catiline with a thorough study of the grammar involved. Composition using D'Ooge: Latin Composition. (Latin 5). 5 recitations per week.

Credit, $\frac{1}{2}$ unit, or 3 hours.

Professor White.

Latin 7. Cicero, second term. The Fourth Oration

against Catiline, and, Manilian Law. A continuation of Latin 6. (Latin 5). 5 recitations per week.

Credit, $\frac{1}{2}$ unit, or 3 hours.

Professor White.

Latin 8, 9 and 10. Vergil's Aeneid. Translation with a study of the metre, and of the grammar. Emphasis is laid on the Aeneid as a work of literature. (Latin 6)

Professor Calderwood.

Latin 8. Books 1 and 2. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

Latin 9. Books 3 and 4. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

Latin 10. Books 5 and 6. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

GERMAN

Professor Caruthers.

Elementary German is taught as a three term subject. The aim of the course is to give a thorough grounding in the principles of German grammar, together with conversation, prose composition and translation of easy texts; Joynes and Wesselhoeft text is used. Students completing German 3 are ready for German 11. (Page 73.)

German 1. Grammar, conversation. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

German 2. Grammar, prose composition. Translation: Der Lex von Gutenhag; Der zerbrochene Krug. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

German 3. Prose composition, translation of easy texts. 5 recitations per week.

Credit, $\frac{1}{3}$ unit, or, 3 hours.

FRENCH

Professor Barnes.

French 1. Elementary Course. Grammar, oral exercises, composition. Chardenal: (Complete) Course. 5 recitations per week. Credit, $\frac{1}{3}$ unit, or, 3 hours.

French 2. Continuation of French 1. Reading of easy narrative prose. (French 1). 5 recitations per week. Credit, $\frac{1}{3}$ unit, or, 3 hours.

French 3. Continuation of French 2. Dictation, memorizing. Reading of one or two simple plays. (French 2). 5 recitations per week. Credit, $\frac{1}{3}$ unit, or, 3 hours.

CHEMISTRY

Mr. Hoyt.

Chemistry 1. Elementary Chemistry, first term. A beginning course dealing with the properties of matter, atomic theory, electrolytic dissociation and the study of gas laws. Morgan and Lyman: Elements of Chemistry. (Physics 1 unit). 3 recitations and 2 laboratory periods per week. Credit, $\frac{1}{2}$ unit, or, 3 hours.

Chemistry 2. Elementary Chemistry, second term. A continuation of Chemistry 1. The periodic law, the properties of the various elements and their compounds with the important commercial applications of chemical reactions are dealt with in this course. Morgan and Lyman: Elements of Chemistry. (Chemistry 1). 3 recitations and 2 laboratory periods per week. Credit, $\frac{1}{2}$ unit, or, 3 hours.

Chemistry 4. General Chemistry. A basic course covering the properties of matter, atomic theory, electrolytic dissociation theory, the laws of gases, the periodic law, the properties of the elements and their compounds with the commercial processes which have their

basis in chemical reactions. This course covers the work of Chemistry 1 and Chemistry 2. Morgan and Lyman: Elements of Chemistry. (Physics, 1 unit.) 5 recitations and 3 laboratory periods. Credit, 1 unit, or, 6 hours.

PHYSICS

Mr. Southworth.

Physics 1. Elementary Physics, first term. Lectures on the elements of mechanics and heat, with twenty laboratory experiments. Mann and Twiss. Taught in the spring and summer terms. 3 recitations and 2 laboratory periods per week. Credit, $\frac{1}{2}$ unit.

Physics 2. Elementary Physics, second term. A continuation of Physics 1. Lectures on electricity, magnetism, sound and light, with ten laboratory experiments. Taught in the summer term. 3 recitations and 2 laboratory periods per week. Credit, $\frac{1}{2}$ unit.

MATHEMATICS

Mr. Ramsey.

Mathematics 1. Elementary Algebra, first term. The work extends to fractions. Milne: Standard Algebra. 5 recitations per week. Credit, $\frac{1}{2}$ unit.

Mathematics 2. Elementary Algebra, second term. A review of factoring, and extending to quadratic equations. Milne: Standard Algebra. (Mathematics 1). 5 recitations per week. Credit, $\frac{1}{2}$ unit.

Mathematics 3. Intermediate Algebra. After a rapid review of Elementary Algebra, the work is a thorough drill in quadratic equations. Milne: Standard Algebra. (Mathematics 2). 5 recitations per week.

Credit, $\frac{1}{2}$ unit, or, 3 hours.

Mathematics 4. Plane Geometry, first term. Books 1 and 2 in Wentworth: Plane and Solid Geometry (Revised). (Mathematics 2). 5 recitations per week.

Credit, $\frac{1}{2}$ unit.

Mathematics 5. Plane Geometry, second term. Books 3 to 5 in Wentworth's text. (Mathematics 4). 5 recitations per week. Credit, $\frac{1}{2}$ unit.

Mathematics 6. Solid Geometry. Books 6 to 8 in Wentworth's text. (Mathematics 5). 5 recitations per week. Credit, $\frac{1}{2}$ unit, or, 3 hours.

PHYSIOGRAPHY

Mr. Southworth.

Physiography. A general course designed to meet the requirements of those preparing for teacher's examinations, as well as the student preparing for a college course. Clendennin, Arey, Bryant and Morey: Physiography. 5 recitations per week. Credit, $\frac{1}{2}$ unit.

THE SUMMER TERM

For many years the College has conducted a summer term. The work of this summer term is made broader and richer than that of the other terms. It consists of four schools offering work along different lines. In addition to the work of the collegiate and preparatory departments, a graduate school of philosophy, a school for teachers, and a Bible school offer attractions.

In the ten weeks' term classes are conducted in all grades of collegiate and preparatory work in all the departments of the College. Although the term continues but for ten weeks, the work is carried on more intensively than in the other terms; there is no athletic work or club work to distract the student. By this means as much work is accomplished as in any of the other terms.

For several years, it has been the practice of the College to offer special work in philosophy in the summer term. Usually three well known philosophers have given lectures for graduate students in philosophy. In the summer term of 1915, six courses were given. President Ormond conducted a course in Philosophy of Religion; Dr. John Watson (Queens University, Kingston, Ontario), conducted two courses in Kant; Dr. O. O. Fletcher (Furman University, Greenville, South Carolina), conducted courses in Theory of Knowledge and Theory of Reality; Professor Henderson conducted a course in Advanced Psychology.

Early in August the Grove City Bible School conducted under the auspices of the College, is held. At this school, noted men from abroad as well as from this country and Canada conduct courses of especial interest to cler-

gymen and all interested in religious work. In 1915 great emphasis was laid on the Missions of the Church, each afternoon being devoted to a Mission Conference.

The work of the six weeks' term was of special interest to teachers. In this term which began June 22 and ended

August 6, instruction was given in all branches required by the School Code in the examinations for State Permanent Certificates. In addition to these subjects special classes in school music, drawing, primary methods and grade methods were conducted. Every effort was made to provide the students with exactly the work needed. Plans for the summer term of 1916 are well under way.

The tuition for the ten weeks term beginning June 20th, is \$26.00. The tuition for the short term for teachers, beginning June 22nd, is \$16.00.

For detailed information regarding the summer term write for the special bulletin which will be issued in January 1916. Address the Registrar, O. J. Sieplein.

GENERAL INFORMATION

The Town Grove City College is located in Grove City, Pennsylvania, a town of about five thousand, on the Bessemer and Lake Erie Railway. The town is 1300 feet above sea level and is supplied with pure water from artesian wells. The health conditions are excellent. This, together with the beauty of the surroundings and progressive character of the town, gives Grove City advantages possessed by few college towns. Connections are made at Butler with the Buffalo, Rochester & Pittsburgh and the Pennsylvania Railways, at Mercer with the Pennsylvania, at Shenango with the Erie and the Pennsylvania, and at Osgood with the Lake Shore. There are four daily trains to Pittsburgh and to Erie.

The Campus The campus of about fifty acres is located in the center of the town and is divided into two nearly equal portions by Wolf Creek. On the right bank are the college buildings and the athletic field; on the left bank are the dormitory for men, and woodlands. The college buildings are heated with steam and lighted with electricity supplied from a central power plant.

The Buildings The Administration Building, erected in 1888, is a four-story brick building and contains the offices, a chapel room, several recitation rooms, two laboratories for chemistry, two large rooms for use of the commercial school, and clubrooms for the four literary societies.

Recitation Hall, a two-story brick building erected in 1879, contains six recitation rooms, the art studio, and two rooms for Biology.

Physics Building, erected 1902, contains a lecture room, several laboratories, and a large room for mechani-

cal draughting. It is well equipped with apparatus for instruction in both general and advanced physics.

Ivy Chapel contains a small auditorium for the use of the student organizations, a large recitation room, and a rest room for the young women of the college.

Carnegie Library contains, in addition to the library and reading room, a public auditorium with seating capacity for six hundred, in which is a two-manual pipe organ.

Music Hall, erected 1895, is equipped with auditorium, recitation and practice rooms, containing the facilities for carrying on the work of the Conservatory of Music.

The Gymnasium, erected 1912, is a large and modernly equipped building for the general use of the Athletic Department. It is a substantial brick and steel structure, three stories high, 120 feet long and 60 feet wide, and contains in addition to locker rooms, a swimming pool, shower baths, base-ball cage, 'Varsity room and visiting team room on the first floor: reception room, Athletic Director's rooms, office and kitchen on the second floor; and on the third floor, in addition to the running track, a large private room and a number of study rooms for gymnasium care-takers.

The Colonial, Pelton and Cunningham—the dormitories for young women and Memorial Hall, the dormitory for young men, are described in the section for room and boarding.

Grove City College is an undenominational Christian College. No religious test is required of members of the Board of Trustees, Faculty, or student body. The College emphasizes Christian character, and from it there go out many young men and women to enter the gospel ministry or engage in other Christian work. More men enter the gospel ministry from this institution than from any other college in Pennsylvania. Each year,

in August, a Bible Conference is held under the auspices of the College. This Conference continues ten days, and at it special courses by distinguished scholars and clergymen from both sides of the Atlantic are offered.

College work is begun each day with devotional exercises. Divine services are held each Sabbath morning in the chapel. College prayer-meetings are held regularly during each session.

Grove City College stands for classical education broadened by thorough work in mathematics and the sciences.

The College is using the four terms system, three sessions of twelve weeks, and a fourth, summer session, of ten weeks. In the summer the work is greatly broadened in various departments of college work. The summer term has proved of especial value to many of the student body who have found it necessary to make up conditions or who desire to shorten the time for graduation. The Summer School has also proved of great value to many others, especially to teachers, who are obliged to give a part of their year to the practice of their profession, and to make progress along college lines during the summer. As much work can be done in the fourth term as in any of the regular sessions, as literary club work and athletics are suspended for this term. By taking advantage of the summer term, many teachers who teach seven months in the year can complete two-thirds of a year's college work yearly.

Largely through the influence of the
Hospital College, a hospital was established in
Grove City, where the sick of the College
receive the best attention by trained nurses and under the supervision of a competent superintendent. The hospital building is near the college grounds and is well located. It has all the modern conveniences and appliances and has gained a very enviable reputation for the

excellent care given to the patients, and the fine work done by the physicians and surgeons of the hospital staff.

The hospital expenses of students are met through a special fund set apart for this purpose. In every case the hospital expenses (not medical fees) are met by the College up to an amount not exceeding \$40.00 per student.

STUDENT ORGANIZATIONS

There are four literary societies in the college—Shakespeare and Webster, for young men; Speedwell and Philokalian for young women. These societies have been in existence from twenty to thirty years, and are composed of the best talent in the student body. Each society has its own club room which is well furnished and equipped. The order of exercises includes orations, debates, music, impromptu speeches, and friendly criticism.

There are healthy, active branches of both Y. M. C. A. and Y. W. C. A. among the students.

ROOMS AND BOARDING

The Colonial, Cunningham and Pelton Halls—the ladies dormitories—are under the immediate control of the Dean, and are designed to provide comfortable and pleasant homes for young women. Students from out of town are required to room and board at the dormitories. The student rooms are arranged, mostly in suites of two with bath room for each suite; there are also some single rooms with bath. Each room is furnished for occupancy by two girls. Each girl furnishes her own towels and bed linen which are laundered by the College. Personal linen of each girl is laundered at her own expense, either at the Colonial or elsewhere.

Room and boarding at the Colonial for the twelve weeks session is \$66.00 for the term, two girls occupying a room. On the fourth floor the rate is reduced to \$60.00

a term, two girls occupying a room. On the fourth floor, three girls occupying one large room, can be accommodated at \$54.00 for the term of twelve weeks. On lower floors where three occupy a room a charge of \$60.00 is made for the term of twelve weeks.

At the Pelton and Cunningham Cottages room and boarding is furnished at \$54.00 per term of twelve weeks, two occupying a room.

Memorial Hall, the dormitory for young men was erected in 1914, equipped and furnished as a memorial to Joseph Newton Pew, who was for many years the President of the Board of Trustees of Grove City College and who had a very vital part in the development and growth of the institution. The building is located on high ground on the left bank of the creek, overlooks the campus and commands a view of the surrounding country. It is of thorough fire proof construction throughout. The building is divided into five separate houses or entries separated from each other by fire walls.

There are accommodations for approximately one hundred and ten students. A number of different and very attractive arrangements of rooms has been provided. In the end sections, there are a number of large rooms for two students. Each room has two large wardrobes with shelves and plenty of hooks and is located near a bath room. In most cases the rooms are arranged in suites. Each suite has a large study room with two or three single bedrooms and opens directly into a bathroom.

The furnishings of the building received the special attention of the donors and the result is that in the furniture and equipment the building is believed to have no superior. The furniture is of solid fumed oak and is of the modified mission type. It is substantial and gives one the impression of permanence and elegance. The beds are enameled malleable iron and are

fitted with the best grade of springs and mattresses. In each study room there are large desks with drawers for each student, desk chairs, a rocker, a most comfortable and especially designed couch, a rug, and, also, what adds much to the appearance of the room, an open fireplace with a mantel.

The prices charged include rentals for room, furniture, with mattresses, pillows and blankets, janitor service, and heat and light. Few colleges in the country are so liberal in their provisions. The student needs only furnish bed-linen and towels and care for the same.

The boarding department is run on the plan that allows the student to control his menu to a large extent. A minimum rate of \$2.25 is charged and for this rate the student is given the fare which constitutes a very simple meal. Various special dishes are on the bill of fare for each meal; these are sold to the student. By taking advantage of these special dishes the student supplements the regular meal and the total cost ranges from \$2.75 to \$3.75 per week. It is only occasionally that the student exceeds \$3.25.

The general control of Memorial Hall is in the hands of a student committee working under the Advisory Committee of the Faculty. This committee is elected by the students residing at Memorial Hall from among their number and elects one of its members as House President. The committee has general charge of all questions of order and discipline, though the faculty reserves the right of veto in their actions.

Many out of town young men room in private homes where a furnished room, including light and heat, for two students averages \$20 per term. Boarding may be had in clubs conducted on the co-operative plan at a cost of \$2.75 to \$3.00 per week.

The necessary expenses per term for women are:

Tuition	\$28.00	\$28.00
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Room and Boarding.....	\$54.00 to \$66.00	
Books, about	\$ 5.00	\$ 5.00
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Total	\$87.00	\$99.00

The necessary expenses per term for men in Memorial Hall are:

Tuition	\$28.00	\$28.00
Room and boarding	\$39.00 to \$63.00	
Books, about	\$ 5.00	\$ 5.00
<hr/>		
Total	\$72.00	\$96.00

The necessary expenses per term for men who room in town are:

Tuition	\$28.00	\$28.00
Room	\$10.00 to \$12.00	
Boarding	\$31.00 to \$36.00	
Books, about	\$ 5.00	\$ 5.00
<hr/>		
Total	\$74.00	\$81.00

TUITION AND EXPENSES

Tuition	\$28.00
Special examination in any subject.....	1.00
Mechanical Drawing	5.00
Physics laboratory	2.00
Biology laboratory	\$ 2.00 or \$ 3.00
Chemistry laboratory	\$ 3.00 or \$ 4.00
Surveying	\$ 3.00
Board and room at the Colonial, ladies, per term..	\$54.00 to \$66.00
Board and room at the Pelton or Cunningham, ladies, per term	\$54.00
Board and room at Memorial Hall, men, per term..	\$39.00 to \$63.00
Rooms, men, per term.....	\$10.00 to \$12.00
Boarding in clubs, per week.....	\$ 2.75 to \$ 3.00

All tuitions and other college bills are due at the opening of the term. Laboratory fees must be paid by the end of the third week of the term. Students with unpaid college bills are excluded from classes at the beginning of the fourth week.

No registration or matriculation fee is charged; no entrance fee is charged to college athletic games.

A student leaving college during the first four weeks of the term is refunded one half all tuitions. Students resident in the college dormitories who leave before the end of the term are charged rental for the room for the full term and are refunded any unused boarding (a fraction of a week is charged to the student as a full week.)

GROVE CITY CONSERVATORY OF MUSIC

HERMANN POEHLMANN, MUS. D.

Director and Professor of Piano, Vocal, Violin, and Supervisor of the Teachers' Seminar.

GUSTAV MEHNER

Professor of Pipe Organ, Piano, Composition, Harmony Forms.

JENNIE HASKELL GLENN

Instructor in Piano, History, Elements of Music, Music Dictation.

ESTHER REYNOLDS

Violin.

The Grove City Conservatory of Music is affiliated with Grove City College. It is under the directorship of Doctor Hermann Poehlmann, formerly professor in the Royal Conservatory, Dresden, Saxony. The courses of study provided are recognized by all capable of judging as the most approved of music schools generally. The high standard maintained in both instrumental and vocal music has brought the department into high repute among educated musicians. It has long been our ambition to afford facilities for instruction in music equal to those found in the larger Eastern schools. We confidently affirm that so far as the matter of instruction is concerned students have as good advantages for a musical education in Grove City College as in the very best conservatories of music.

The inexpensiveness of boarding, the comparatively low rates of tuition, the healthful and moral tone of the community, the stimulus incident to association with young men and women earnestly pursuing literary cours-

es of study, together with the opportunity of taking studies in the sciences, the languages and the arts, make this place a most desirable one for those wishing to secure a thorough musical education.

ADMISSION AND CLASSIFICATION

All the various subjects in the Music Conservatory, including Voice, Piano, Violin, Harmony, Counterpoint, Composition, etc., are taught from the first step up to the special coaching of artists. Each applicant must pass an examination in order to be placed in the proper grade. Students may enter at any time, though it is desirable, especially for the **regular course students**, that they **should begin in the fall term**. All beginners are expected to take, besides their principal study, Elements of Music.

All students who are taking full course in Music will be required to have at least freshman collegiate standing.

GRADUATION

Each student is required to attend at least three years in succession in order to graduate. Diplomas or certificates are given after the successful completion of any one of the courses prescribed in the various departments. They are conferred on those only who complete a full course and have attended the department at least three years. Those who have attained the Teacher's Diploma in Piano, Voice, Violin, Theory or Pedagogy, are then prepared to do advanced work and may secure diplomas in courses of study which will prepare them for independent development as pianists, violinists or vocal soloists.

Diplomas or certificates will be given:

A. For ability as teacher of piano, to students of the Piano-Seminar who have shown remarkable aptness in teaching, who have had for one year, at least, a class

in theoretical piano instruction, one year supervised piano instruction (giving of instruction to children, under care of the Director), have reached studies by Cramer, and have had at least two years' work in History and two years' work in Harmony and Forms of Music. According to the higher or lower ability in piano playing, different degrees are given, such as, for teaching beginning grade, for teaching lower and advanced middle grades, and for teaching lower and advanced higher grades.

In order to receive a certificate for ability as teacher of piano (a) beginning grade, the student must have finished two books from Cramer (Germer); Jensen, op. 32, book 1; Heller, Vol. II; Czerny, portions of Vols. II and III; Bach, Preludes; Mendelssohn's Songs without Words, partly; easier pieces from Schubert, Weber, Schumann, and at least one or two sonatas by Haydn, Mozart, Beethoven.

b. Low middle grade: Three books from Cramer; Jensen, op. 32, books 1 and 2; Heller, Vols. II and III; Czerny, Vols. II and III; Bach, some French suites or two-voice inventions; pieces like the above and some modern composers.

c. Advanced middle grade: Four books from Cramer; Jensen, op. 32, books 1, 2 and 3; Heller, Vol. IV; Czerny, Vols. II and III; Bach. Harder pieces from Mendelssohn, Schubert, Weber, Schumann, and other modern composers.

d. Low advanced grade: Cramer; Clementi: *Gradus ad Parnassum*; Jensen, op. 32; Heller, Vols. IV and Czerny, Vols. II and III; Bach. More difficult pieces from preludes; pieces from classical, romantic and modern masters.

B. Fitness for independent development as a pianist, to such piano players as have reached the Seventh Grade in the Piano Course, have studied Counterpoint one year, and have shown such a thorough grasp of the

subject that their future development may, without risk, be left to themselves.

C. For distinguished ability as a pianist, to such piano players as have reached the Eighth Grade of the Piano Course, have completed the work in Counterpoint, and have arrived at a high degree of proficiency in execution.

D. For ability as a teacher of vocal music, to students of the Voice-Seminar who have shown especial aptness in training the voice, have reached the Sixth Grade in Voice Culture, and have had two years' work in Music Theory.

E. Fitness for independent development as concert singer, to students of voice culture who have reached the Seventh Grade of the Voice Course, the Fourth Grade in the Piano Course, have had two years' work in Music Theory, and have arrived at such a degree of proficiency in the use of the voice and such understanding of vocal principles and methods that their future development may, without risk, be left to themselves.

F. For ability as church soloist, to students of voice culture who have finished the sixth grade of the vocal course, third grade in Piano and have had two years' work in Music Theory.

This diploma is granted to members of the literary department who have taken music as additional work.

G. For distinguished ability as concert and oratorio singer, to students of voice culture who have finished the Seventh Grade of the Voice Course and have reached the Fourth Grade of the Piano Course, have had two years' work in Music Theory, and have acquitted themselves with high credit before the public.

H. For ability as opera singer, to students of voice culture whose voices have been developed in the technique necessary for opera singing and have attained such a degree of proficiency that the artistic rendering

of the most difficult dramatic passages is satisfactorily accomplished, and who have particularly attained accuracy in ensemble and have given evidence of unusual dramatic power.

I. For ability as teacher of violin, to students of the Violin-Seminar who have reached the Fourth Grade in the Violin Course, the Third Grade in the Piano Course, and have had two years' work in Music Theory.

K. Fitness for independent development as violinist, to such as have finished the Fourth Grade in the Violin Course, have reached the Fourth Grade in the Piano Course, and have had two years' work in Music Theory.

L. For ability as solo or concert violinists.

M. For ability as teacher of Music Theory, to students of Music Theory who have attained extensive knowledge of Harmony, and have shown special aptness in all their studies in the theory of music and have reached the Sixth Grade in the Piano Course.

Certificates of Dismissal are given after one year's attendance to such as take a single study in any one course.

Diplomas of distinction will be awarded as an acknowledgment of superior talent, eminent application and marked faithfulness to only such as have completed a full course.

As most of the students will teach later, special care is taken to train pupils for the profession of teaching Piano, Voice and Harmony. The course provided along these lines is the most complete that can be given.

JUNIOR WORK

A student is entitled to enter the Junior Class in Piano if he has reached the fifth grade,—having studied thoroughly at least the following Etudes: Doering, op. 44, books 1 and 2, op. 8, books 1 and 2; Czerny, Vol

I, (Germer), Vol. II, 1 part; Heller, Vols, I and II; Germer, op. 35; Bach, Preludes; Bertini, op. 29 and 32; Bach, two-voice inventions.

A student is entitled to enter the Junior Class in Vocal if he has reached the Third Grade in Piano, the Sixth Grade in Vocal, and is ready to begin Harmony and Theory of Teachers' Instruction.

A student is entitled to enter the Junior Class in Violin if he has reached the Fourth Grade in Violin, the Third Grade in Piano, and is ready to begin Harmony instruction.

RECITATIONS

At the least, two recitations are required weekly in all the leading studies of any course. In Harmony the students recite daily in all beginning classes; in the advanced classes they receive three lessons and two lessons weekly, according to their advancement. Classes in Teachers' Instruction and in Forms recite twice a week. In Music Dictation, beginning classes recite daily, advanced classes three and two times a week. Chorus, Ensemble and Music History recite once or twice a week.

Special attention is called to the fact that almost twice as much instruction is given for the tuition paid as at any other college or music school. It has been found especially beneficial for beginners to recite at least three times a week in such leading subjects as Piano, Voice, Harmony, etc. We confidently believe that this departure is very much to the advantage of the students of the Music Department.

THE ORCHESTRA

A fine orchestra is maintained by the Music Department under the direction of Dr. Poehlmann. New students wishing to join this orchestra for the instruction they will receive in various instruments are ad-

mitted on a term fee of \$5. After one year's membership no fee is charged.

MODEL STUDENTS

A limited number of lads and misses will be received into the Music Department as model students for teachers in Piano, Violin and Voice who are receiving supervised instruction in teaching. Those who receive this instruction will be charged \$3 a term for two lessons each week. Application should be made to the Director, before the opening of the session, by all those desiring places.

REGULATIONS GOVERNING STUDENTS

Music students are not allowed to take private lessons from any music teacher who is not connected with the College, nor to take part in performances of any kind without the permission of the Director.

Each student is required to pay for sheet music used in the course; chorus and duet books are furnished by the conservatory.

Each beginning student is required to take at least one year's lessons from Professor Mehner or Miss Glenn. When sufficient progress has been made, the student is recommended to Dr. Poehlmann for enrollment in his classes.

At the end of each term, grades are given in all courses of that term; students are graded on progress, application and talent. The grade values are: A, very good; B, good; C, fair; D, poor; E, very poor.

Students, who for two successive terms are graded "D" in talent in a major subject are not eligible to continue the course leading to graduation.

Holidays, determined by the Faculty of the College, are observed by the Conservatory of Music. Lessons set for such days are not made up at other times.

Students who come from nearby towns for lessons

in the various departments are required to pay full tuition and are given one hour lesson each week instead of two half hour lessons as regularly given to the students of the Conservatory of Music.

Each student is required to take a course of at least three years.

Some students may be, under certain conditions, excused from a subject.

Those who enter in the winter term must complete the year's work during the summer term.

No new class in Teacher's Instruction will be formed in the spring term.

The course during summer term is primarily for special work only and for those regular course students who have work to make up.

Students who are here only for the summer term may have instruction in all branches.

The general regulations as to the care, comfort and conduct of students in the Literary Department are binding upon the students of the Conservatory of Music. These regulations include the residence of all young ladies not from Grove City in the dormitories at the College, their attendance upon all the religious exercises, including the daily and Sunday chapel services, and their co-operation in all the interests which make for the maintenance of a good, moral and Christian atmosphere.

THE COLLEGE

The work of the College Department does not prove a hindrance to the interests of the Conservatory of Music, but rather a help. The enthusiasm and earnest purpose of the large number of men and women in the College serve as a stimulus. Indeed, the two departments are mutually stimulating, and many parents prefer to have their daughters take their work in Music under influences of this kind. The same interest and care which are exercised over the students of the College are mani-

fested in the management of the Conservatory of Music.

Full course students of the Conservatory of Music are permitted to take studies in the Literary Department, by the payment of five (\$5) dollars extra a term for any one college or preparatory subject, or ten (\$10) dollars for two or more literary subjects, when the music tuition is, for a full course as outlined below.

Students taking less than full course in Music are permitted to take studies in the literary department by payment of \$10 extra a term for any one collegiate or preparatory subject and \$20 for two or more subjects. No reduction is made when students of the Conservatory of Music take up Art, Commercial Branches or Stenography and Typewriting.

COURSES OF STUDY

PIANO—Piano.

Elements of Music.
Harmony.
Musical Forms and
Analysis.
Counterpoint.
Music History.
Ensemble.
Chorus.
Music Dictation.
Psychology.

VOICE—Voice.

Piano.
Elements of Music.
Harmony.
Musical Forms (Lectures).
Music History.
Ensemble.
Declamation.
French, German and Italian.
Music Dictation and Chorus.
Psychology.

VIOLIN—Violin.

Piano.
Elements of Music.
Harmony.
Counterpoint.
History.
Musical Forms (Lectures).
Ensemble.
Chorus.
Music Dictation.
Psychology.

MUSIC THEORY—Elements of

Music.
Harmony.
Counterpoint.
Musical Forms.
Composition.
Piano.
Music History.
Chorus.
Music Dictation.
Psychology.

PIANO-SEMINAR—Piano.

Theory of Piano Instruction,
(Lectures), two years.
Supervised Piano Instruc-
tion, one year.
Elements of Music.
Harmony.

VOICE-SEMINAR—Voice.

Theory of Voice Culture.
Supervised Voice Culture In-
struction, one year.
Elements of Music.
Harmony.
Piano.

Counterpoint.
Composition.
Musical Forms (Lectures).
Ensemble.
Chorus.
Music Dictation.
Psychology.

VOICE (OPERA)—Voice.

Interpretation of Opera.
Dramatic Rendition.
Elements of Music.
Harmony.
French and German.
Musical Forms (Lectures).
Music History.
Ensemble.
Chorus.
Music Dictation.
Psychology.

Counterpoint.
Musical Forms (Lectures).
Ensemble.
Chorus.
Declamation.
Music Dictation.
Psychology.

VIOLIN-SEMINAR—Violin.

Supervised Violin Instruction.
Piano.
Elements of Music.
Harmony.
Counterpoint.
Musical Forms (Lectures).
Music History.
Ensemble.
Chorus.
Music Dictation.
Psychology.

PLANS OF THE COURSES

PIANO COURSE

Piano playing has always been regarded as a function of the fingers, and training of the finger-muscles for independence and quality has been the foundation for all technical practice. But within recent years a new principle has been sought by various theorists. Almost simultaneously all found themselves involved in the same problem,—relaxation, its value and application. Among others two great works, the books of Breithaupt and of Steinhausen, were published. Both discerned in the great pianists the free and natural movement of the arm as the source of technic and referred this idea to its physiological sources. Breithaupt, the discoverer of most of the actions, has systematized them in their three aspects—physical, psychological and aesthetic. The problems of relaxation and weight are solved in his works and become the basis of a far-reaching system.

Breithaupt says: "The art of piano-playing is not striking, hammering and thrusting, but an art of sensitive, nervous finger-tips, velvet hands, and soft, round,

complete movements of an elastic playing organism and finally the expression of that ever immeasurable and indeterminate tone-ideal, that lives half perceived, half unperceived in the mind."

This wonderful method of weight-technic which all players of sonorous tone, such as Busoni, Paderewsky, Risterchi have used more or less unconsciously, is used in the work of the Conservatory.

FIRST YEAR

First Term (Fall).....	Piano. Elements of Music. Dictate, Chorus, History.
Second Term (Winter).....	Harmony. Dictate, Chorus History.
Third Term (Spring).....	The same.

JUNIOR YEAR

First Term	Piano. Psychology. Harmony. Forms. Teaching, Teacher's Instruction. Dictate, Chorus, History, Duets.
Second Term	The same.
Third Term	The same.

SENIOR YEAR

First Term	Piano. Harmony. Forms. Teaching, Teacher's Instruction. Dictate, Chorus, History, Duets.
Second Term	Piano. Counterpoint, Forms. Teaching, Teacher's Instruction. Chorus, History.
Third Term	The same.

VOCAL COURSE

FIRST YEAR

First Term (Fall).....	Piano. Elements of Music. Dictate, Chorus, History, Elocution.
Second Term (Winter).....	Harmony, Piano. Dictate, Chorus, History, Elocution. German or Italian.
Third Term (Spring).....	The same.

JUNIOR YEAR

First Term	Piano. Psychology. Harmony, Teacher's Instruction. Dictate, Chorus, History. Elocution, German, (French or Italian).
Second Term	The same. Duets.
Third Term	The same.

SENIOR YEAR

First Term	Harmony, Teaching, Forms. Dictate, Chorus, History, German or French. Duets.
Second Term	Counterpoint, Teaching, Forms. Chorus, History, Duets.
Third Term	The same.

VIOLIN COURSE

FIRST YEAR

First Term (Fall).....	Elements of Music, Piano. Dictate, Chorus, History.
Second Term (Winter).....	Harmony, Piano. Dictate, Chorus, History.
Third Term	The same.

SECOND YEAR

First Term	Harmony, Teaching, Forms. Dictate, Chorus, History, Orchestra.
Second Term	Counterpoint, Teaching, Forms. Chorus, History, Orchestra.
Third Term	The same.

PIANO DEPARTMENT

PIECES AND STUDIES

BEGINNING GRADE

STUDIES

PIECES

Grade 1—	Grade 1—
Technical Exercises (Vetter). Tappert. Doering, op. 44, book 1. Koehler, op. 151. Doering, op. 76, book 1. Doering, op. 45, book 1.	Little Folks' Songs, Germer, op. 32. Reinecke, op. 54, Krause, op. 25. Lichner, "Little Leaves and Flowers." Gurlitt, "Album Leaves for the Young." Schumann, op. 68, No. 1-6. Reinecke, op. 107, book 1.
Grade 2—	Grade 2—
Doering, op. 44, book 2. Doering, op. 45, book 2.	Sonatinenalbum, by Germer. Matthews' Introduction.

Doering, op. 76, books 2 and 3.
 Germer, op. 36, books 1 and 2.
 Loeschorn, op. 65, books 1 and 2.
 Gurlitt, op. 82.

Grade 3—

Doering, op. 8, book 1; op. 23, book 1.
 Doering, op. 166, books 1 and 3.
 Czerny, op. 299. (Germer), books 1 and 2, or Behrens, op. 68.
 Germer, op. 37, books 1 and 3.
 Heller (Germer).
 Germer, op. 35, books 1 and 2 (Polyphony).
 Bach, preludes.

Grade 4—

Huenten, op. 30, op. 80.
 Doering, op. 8, book 2.
 Czerny, op. 299, book 3.
 Bertini, op. 29 and 32.
 Heller or Schytte, op. 106.
 Bach Inventions (two voices).
 Czerny, op. 834, op. 92 (toccata).

Reinecke, op. 107, book 2; op. 47, No. 1.
 Rieman, op. 48.
 Kullak, op. 61 and 82.
 Wilm, op. 81, book 1.

Grade 3—

Mozart and Haydn Sonatas, easy selections.
 Beethoven var., easy selections.
 Mozart, Rondo, D.
 Mozart, var., E.
 Hummel, op. 122, op. 55.
 Schumann, op. 68.
 Beethoven, op. 49, op. 51.

Grade 4—

Mendelssohn Songs (Germer).
 Mendelssohn, op. 72.
 Clementi Sonatas, op. 26, 39 and 24.
 Moscheles, op. 18.
 Field, nocturnes.
 Gade, op. 19, books 1 and 2.
 Heller, op. 138.
 Schubert, Landler, allegretto C Minor, two Scherzi.

MIDDLE GRADE

Grade 5—

Cramer, book 1 (Germer).
 Behrens, op. 61, books 3 and 4.
 Czerny, op. 299, book 4.
 Czerny, op. 740.
 Loeschorn, op. 67, book 1.
 Heller, op. 16.
 Jensen, op. 32, books 1 and 2.
 Haberber, op. 53.
 Bach, Suitsen French.
 Doering, op. 33, book 2, op. 30.
 Doering, op. 24, 25, octaves.
 Doering, op. 46, double notes.

Grade 6—

Cramer, books 2 and 3.
 Czerny, op. 740.
 Czerny, op. 337, 40 daily studies.

Grade 5—

Beethoven, Bagat, op. 119.
 Beethoven, op. 33.
 Beethoven, op. 126.
 Mozart, Haydn, Clementi, Sonatas.
 Mendelssohn Songs.
 Raff, op. 75, Jensen, op. 17.
 Schumann, op. 124, op. 99, op. 68.
 Schubert, op. 94, op. 90.
 Grieg, op. 14, op. 30, op. 6, op. 12.
 Kirchner, op. 7, op. 9, op. 2.
 Rubenstein, Nevin, Ravina.
 Henselt, Weber, Moscheles.

Grade 6—

Beethoven Sonatas.
 Mozart, Haydn, Weber, Clementi.
 Schubert Sonatas.
 Schumann, op. 15, 82, 28.

Clementi, Gradus ad Parnasum, Germer.
 Jensen, op. 32, book 3.
 Doering, op. 33, book 3.
 Bach, Inventions (3 voices).
 Bach, Suiten English.
 Bach, well-tempered clavi-chord.
 Czerny, op. 335.
 Kullak, octave studies.

Chopin, op. 28, preludes.
 Chopin, nocturnes.
 Chopin, mazurkas.
 Chopin, waltzes.
 Jensen, op. 43, 44, op. 2.
 Heller, op. 92, 83.
 Gade, op. 34, 36, 41.
 Mendelssohn, op. 5, 7, 15, 16, 28, 33.

HIGHER GRADE

Grade 7—

Tausig, daily studies.
 Clementi, Gradus.
 Bach, Concerto in Italian style.
 Bach, well-tempered clavi-chord.
 Chopin, preludes, op. 28.
 Heller, op. 81.
 Moscheles, op. 80 and op. 43.
 Mueller, Capricen, op. 31, 34, 47, 29.

Grade 8—

Czerny, op. 365. Virtuoso School.
 Henselt, op. 2, 5 and 13.
 Clementi, Gradus.
 Bach, fugues.
 Moscheles, op. 95 and 51.
 Schumann, op. 3, 10 and 13.
 Chopin, op. 10, 25 and 28.
 Rubenstein, op. 23 and 81.
 Saint-Saens, op. 52.
 Liszt, Etudes, Transcend entals.

Grade 7—

Weber, selected compositions.
 Brahms, op. 10 and op. 27.
 Beethoven, variations.
 Raff, op. 91.
 Rubenstein, op. 51.
 Scharwenka, op. 8.
 Saint-Saens, op. 23.
 Concertos, by Hummel, Dussek, Field, Mozart, Weber and Beethoven.

Grade 8—

Beethoven, Later Sonatas.
 Brahms, op. 1, 2 and 5.
 Chopin, op. 37, 22, 53, etc.
 Schumann, op. 6, 9, 17 and 10.
 Mendelssohn, op. 54.
 Moskowski, op. 14.
 Scharwenka, op. 6.
 Schubert, op. 53, 78, 143.
 Concertos, by Beethoven, Schubert, Handel, Schumann, Bach, Chopin, Brahms, Liszt, etc.

VIOLIN DEPARTMENT

GRADE 1.

STUDIES

Wohlfahrt, op. 451, op. 551, op. 92.
 Shroeder, op. 5.
 David, op. 441.
 Hom. Exercises, book 1.
 Kaiser, op. 20, book 1.
 Herig, op. 2.
 Abel, technical exercises.

PIECES

Hering, op. 66.
 Schroeder, op. 31, op. 7.
 Wohlfahrt, op. 301, op. 491.
 Hamel, op. 22.
 Hoffman, op. 202.
 Dancs, op. 123.
 Urban, op. 26.
 Weiss, op. 38.

ORGAN DEPARTMENT

The demand from many quarters for pipe organ instruction, and especially by those who are qualifying to become church organists, has led to the installing of a very fine pipe organ in the Music Department. The organ is of the latest design, pneumatic action throughout, and is especially adapted to the work of instruction.

Herr Gustav Mehner is splendidly equipped to train pipe organists. He was for four years under some of the most noted organists of Europe and is a musician and artist of the highest standing.

The regular fee for instruction is \$32 for a term of three months.

For practice periods \$5 is charged for each period of one hour per day. A special auditorium is set aside for this work, so that considering the expense of heating and lighting and the necessary expense of a water motor for working the bellows, the fee for this branch is very reasonable.

The student should not commence the study of this instrument until a good practical knowledge of the piano has been obtained. As the organ is principally used in connection with the church service, special attention will be given to the art of service accompaniment. Instruction in the mechanism of the pipe organ will be given to all organ students.

Grade 1—Merkel Organ School, Part 1. Manual playing in two, three and four parts.

Grade 2—Merkel Organ School, Part 2. The natural pedalling; regular alternating of both feet.

Artificial Pedalling; the use of point and heel of the same foot.

Easy pieces by Batiste, Dolmetch, Flagler, Lemaigre, Merkel and others.

Sight Reading; easy hymn tunes with the pedals.

Grade 3—Nilson Pedal Studies.

Merkel, Parts 3 and 4. Various pieces for study and church use.

Selected Pieces by Rheinberger, Dubois and others.

Sight Reading; Hymn tunes in more difficult style.

Grade 4—Nilson Pedal Studies, continued.

Schneider,—forty-four studies. (Manuals and Pedals continued.)

Bach,—Eight short Preludes and Fugues.

Some of his Chorals.

Rheinberger,—Meditations.

Other pieces by Guilmant, Malling, La Toutbelle and others.

Grade 5—Pedal Studies by Nilson and Schneider to be completed.

Bach,—Preludes and Fugues of medium difficulty.

Mendelssohn,—Preludes and Sonatas. (Nos. 2 and 5.)

Rheinberger,—Sonata. (A Minor.)

Selected pieces by Guilmant, Widor, C. Frank and others.

Grade 6—Selected studies suitable for the grade.

Mendelssohn,—Sonatas. (1, 3, 4, 6.)

Bach,—Toccatas, Preludes and Fugues.

Merkel,—Sonatas.

Schumann,—Fugues.

Rheinberger,—Sonatas, (C Major and others,) and Concertos.

Widor,—Symphonies.

Guilmant,—Sonatas.

Liszt,—Prelude and Fugue on the name: Bach.

Reger,—Preludes and Fugues. Trios. Sonata, (F sharp Minor.)

Other pieces selected for concert use.

Diplomas will be given as follows: (a) For ability as church organist to such organ students as have reached the Fifth Grade in the Organ course, have completed the work in Harmony, have shown sufficient knowledge in transposition and improvisation are acquainted with the mechanism of the organ. (b) For ability as solo organist to such organ students as have completed the Sixth Grade in the Organ Course, have shown sufficient knowledge in Theory of Music and are acquainted with the mechanism of the organ.

VOCAL DEPARTMENT

Our vocal instruction is based on the so-called pure Italian method. Therefore the fundamental principles

of vocal art, such as breathing, position of larynx, tongue and mouth—in short all functions of the tone-producing and tone-strengthening organs—will receive the most careful and patient attention. The result will be a normal, well placed, easy flowing, resonant and beautiful tone. This is the most important and most difficult part of voice culture. While the Italian method, which treats the voice as a beautiful instrument only, forms the necessary basis of the vocalism, it is absolutely inadequate for the proper rendition of modern music. This demands a perfect treatment of all vowels, consonants, words, phrases and sentences, or all modulations, of emotions and sentiments as indicated by the underlying poem, of which the music is but a higher expression. Therefore, the vocal art requires the most patient and faithful study, and pupils must ever bear in mind that, while "Art is long and time is fleeting," vocal art is the longest, the deepest, the most difficult, as it is the most beautiful of the arts.

VOCAL COURSE OF STUDY

- Grade 1—J. Smith's Method: Posture, Breathing, Exercises 14 to 17; Tone Production, Part I, Exercises 29-35.
- Grade 2—J. Smith: Tone-Production, Part III; Exercises 36-39.
- Grade 3—Smith: Tone-Production, Part III; Exercises 40-60.
Tone-Production, Part IV; Secondary Vowels.
Tone-Production, Part I; Diphthongs or Compound vowels.
- Grade 4—J. Smith: Articulation, Exercises 67-72.
Pronunciation, Exercises 73-77. Intervals. The Easiest Solfeggi.
- Grade 5—J. Smith: Exercise 78 for the extension of the compass; scales; Sostenuito Exercises. Easy Solfeggi; Easy English Songs.
- Grade 6—J. Smith: Arpeggio; Embellishments; Coloratur Exercises; medium Solfeggi, and Songs by Mendelssohn, Schubert, Schumann.
- Grade 7—Continuation of preceding exercises; advanced Solfeggi; songs in Italian, German and French Languages.
- Grade 8—Oratorio Study.
- Grade 9—Opera Study.

The following musical entertainments were given by the students during the year 1914-15:

MUSICAL ENTERTAINMENT

Given by the
MUSIC DEPARTMENT OF GROVE CITY
COLLEGE

Under Direction of Dr. H. Poehlmann

Wednesday Evening, Jan. 27, 1915,
in Carnegie Hall.

PROGRAM

Part I.

Romance in F Major for Violin and Piano.....L. V. Beethoven
Miss E. Reynolds and Dr. H. Poehlmann.

Polonaise—Piano Solo.....G. Mehner
Mr. G. Mehner.

Violin Soli: (a) SouvenirDradle
(b) Mazurka, Op. 19, No. 1.....Wieniawski
Miss E. Reynolds.

Overture: The Hebrides,
Gallop chromatique,
for 2 Pianos, 8 Hands,

F. Mendelssohn
F. Liszt

Misses I. Poehlmann, J. Glenn, Messrs. G. Mehner and
H. Poehlmann.

Intermission.

Part II.

"THE PRODIGAL SON"

Oratorio by A. S. Sullivan.

1. Introduction.
2. "There is joy in the presence of the angels of God"....Chorus
3. "A certain man had two sons".....Tenor Solo
Mr. A. Hanna.
4. "My son, attend to my words".....Recitative and Air for Bass
Mr. Moser.

5. "And the younger son".....Recitative Soprano
Miss I. Poehlmann.
6. "Let us eat and drink".....Tenor Solo and Chorus
Mr. A. Hanna.
7. "Woe unto them".....Recitative and Chorus
8. "Love not the world".....Air for Contralto
Mr. G. C. Dale.
9. "And when he had spent all".....Recitative for Soprano
10. "O that thou hadst hearkened".....Aria for Soprano
Miss I. Poehlmann.
11. "How many hired servants".....Tenor Solo
Mr. P. Allen.
12. "The Sacrifice of God".....Chorus
13. "And he arose and came to his father,"
Recitative for Soprano: Miss G. Hosick.
Duet for Tenor and Bass: Mr. P. Allen and W. Dodds.
14. "Bring forth the best robe".....Recitative and Aria for Bass
Mr. W. Dodds.
15. "O that men would praise the Lord".....Chorus
16. "Come, ye children".....Recitative and Aria for Soprano
Miss I. Poehlmann.
17. "The Lord is nigh".....Quartet
Misses Hosick, G. C. Dale; Messrs. A. Hanna, W. Moser.
18. "Thou, O Lord, art our Father".....Chorus
Leader: Dr. H. Poehlmann.
Organist: Prof. G. Mehner.

Friday, March 19, 1915.

PROGRAM

- Sonata for Violin and Piano in F Major, 1 mov., by E. Grieg—
Misses L. Fithian and E. Reynolds.
- Reading: "Mrs. Preston Visits School," by Flowers—Marion
McCamey.
- Piano Solo: Impromptu, op. 90, No. 3, F. Schubert—Vista
McCoy.
- Reading: (a) "At the Theatre," by Cook; (b) "The Judgment
Day," Cook—Ramona Reed.
- Reading: "Little Brown Baby," Dunbar—Wesley Dodds.
- Vocal Solo: "The Two Grenadies," R. Schumann—Walter Moser.
- Reading: "The Child," Donnell—Ida Bell Stewart.
- Vocal Solo: Aria from "The Hugenots," J. Meyerbeer—Ilse
Poehlmann.
- Reading: (a) "Long Ago," Field; (b) "Our Biggest Fish,"
Field—Alta Means.
- Reading: "The Swiss Good-Night," Morse—Claire Fisher.
- Piano Duet: "Invitation to the Dance," C. M. von Weber—
Misses E. McKee and F. Coulter.

THE CRUCIFIXION

A Meditation on the Sacred Passion of the Holy
Redeemer, by John Stainer.

Given by

THE COLLEGE CHOIR

in Carnegie Hall, March 21, 1915.

Under the Direction of Dr. H. Poehlmann,

Soloists

Soprano: MISS I. POEHLMANN

Tenor: MR. A. HANNA

Bass: MESSRS. W. MOSER and E. PAYTON

Organist: PROF. G. MEHNER

PROGRAM

- Introduction Dr. Calder
1. Rec.—“And they came to a place named Gethsemane”.....Tenor
 2. “The Agony”.....Soli and Chorus
 3. “Processional to Calvary”.....Chorus and Tenor Solo
 4. Rec.—“And when they were come to the place”.....Bass
 5. Hymn No. 75 (To be sung by the Congregation).
 6. Rec.—“He made himself of no reputation”.....Bass
 7. “King ever glorious”.....Soprano Solo
 8. Rec.—“And Moses lifted up the serpent”.....Soprano Solo
 9. “God so loved the world”.....Chorus
 10. Rec.—“Jesus said: ‘Father, forgive them.’”
 11. “So thou liftest thy divine petition,”
.....Duet for Soprano and Bass
 12. Hymn No. 69. (Congregation.)
 13. Rec.—“And one of the malefactors”.....Bass and Chorus
 14. “When Jesus therefore saw his mother”.....Solo and Chorus
 15. Rec.—“Is it nothing to you”.....Bass
 16. “From the Throne of His Cross”.....Chorus
 17. Rec. and Chorus—“After this Jesus knowing that all
things were now accomplished.”
 18. Hymn No. 66. (Congregation.)

OPEN RECITAL

Given by the

SENIOR CLASS OF THE MUSIC DEPARTMENT

Assisted by Miss G. Hosick, Soprano.

Wednesday Evening, June 2, 1915, Music Hall.

PROGRAM

1. Duet for Violin and Piano: Sonata in F Maj., 1 Mov.,
.....L. V. Beethoven
Misses V. McCoy and E. Reynolds.
2. Romance in E flat Major—Piano Solo.....A. Rubinstein
Miss M. Grace.
3. Au Matin—At Morning—Piano Solo.....B. Godard
Miss I. Smith.
4. Vocal Solo: The Bandolero.....L. Stewart
Mr. W. McCullough.
5. Piano Duet: Toreador et Andalouse.....A. Rubinstein
Misses M. Grace and R. Robins.
6. Second Mazurka—Piano Solo.....G. Godard
Miss E. Lockart.
7. Serenade
Scarf-Dance
Piano Solo.....C. Chaminade
Miss O. Kerr.
8. Vocal Soli: "If My Song Had Wings for Flying"....R. Hahn
"Just You and I".....F. Tours
"The Robin".....G. Nevin
Miss G. Hosick.
9. Piano Duet: March in D Major.....F. Schubert
Misses I. Smith and E. Lockhart.
10. Berceuse
Pantomime
Piano Soli.....M. Moszkowski
Miss V. McCoy.
11. Forest Greeting—Piano Solo.....A. Forrester
Miss F. Coulter.
12. Whither?—Piano Solo.....C. Koelling
Miss R. Robins.

SECOND SENIOR RECITAL

Given by

Miss I. Poehlmann, Soprano; Miss E. Reynolds, Violin;

Miss L. Fithian, Piano; Mr. W. Moser, Bass.

Wednesday Evening, June 9, 1915, Music Hall.

PROGRAM

- Sonata for Violin and Piano. I Mov.....N. Gade
 Esther Reynolds, Ilse Poehlmann.
- Soprano Soli: (a) Trockne Blumen
 (b) Die Post
 (c) Die Junge Nonne
F. Schubert
- Piano Soli: (a) Why?.....A. Schumann
 (b) Nocturne in E flat Major.....F. Chopin
- Bass Soli: (a) Calm as the Night.....C. Bohm
 (b) The Horn.....A. Flegier
- Violin Soli: (a) CavatineJ. Raff
 (b) MazurkaWiniawski
- Soprano Soli: (a) Vorrei Morire.....P. Tosti
 (b) Beau Soire.....Debussy
 (c) MandolineDebussy
 (d) La Chanson de L'Alouette.....E. Lolo
- Piano Solo: Rondo Capriccio, op. 14.....F. Mendelssohn
- Bass Soli: "Upon That Day"—Aria from the Opera: Hans
 HeilingF. Marschner
- Soprano Soli: (a) RequiemS. Homer
 (b) Forget-Me-NotA. Claussen
 (c) The Weathercock.....L. Lehmann
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COMMENCEMENT CONCERT

Given by the

MUSIC GRADUATES OF GROVE CITY COLLEGE

Assisted by the College Choir and the Home Orchestra

Under the Direction of Dr. H. Poehlmann,

Monday, June 14, 1915, Carnegie Hall.

Program

1. Overture: Si J'etais roi.....A. Adam
2. Piano Solo: Rustles of Spring.....C. Sinding
 Miss V. McCoy.
3. Violin Concert in G Minor, II and III Mov.....M. Bruch
 Miss E. Reynolds.
4. Vocal Soli: (a) The Wanderer.....F. Schubert
 (b) Endless Love.....P. Tchaikowsky

- (c) The Tramp.....H. Trotere
Mr. W. Moser.
5. Piano Concert in A Minor, II and III Mov.....C. Godard
Miss L. Fithian. Second Piano, Miss J. Glenn.
Intermission ten minutes.
6. Fantasia for two pianos from the Opera: "Faust"....C. Gounod
Misses F. Coulter and R. Robins.
7. Grand Aria for Soprano: "Ocean Thou Mighty Monster,"
from the Opera: "Oberon".....C. M. v. Weber
Miss I. Pohelmann.
8. Three Choruses for Mixed Voices:
(a) The New Day (Manuscript).....G. Mehner
(b) King Ringange's Daughter.....R. Schumann
(c) EstudiantinaP. Lacome
9. Concert Gallop for Two Pianos, eight hands.....A. Milde
Misses M. Grace, O. Kerr, F. Smith, E. Lockhart.

RATES OF TUITION PER TERM

PRIVATE LESSONS

Vocal

Instruction given by Dr. Poehlmann.

One term's instruction, (two half hour lessons a week).....\$32.00

One term's instruction, (one half-hour lesson a week)..... 17.00

Instruction given by an Assistant.

One term's instruction, (two half-hour lessons a week)..... 27.00

One term's instruction, (one half-hour lesson a week)..... 15.00

Piano

Instruction given by Dr. Poehlmann or Prof. Mehner.

Two half-hour lessons a week.....\$32.00

One half-hour lesson a week..... 17.00

Instruction given by an Assistant.

Two half-hour lessons a week..... 27.00

One half-hour lesson a week..... 15.00

Organ

Instruction given by Prof. Mehner.

Two half-hour lessons a week.....\$32.00

One half-hour lesson a week..... 17.00

Violin

Instruction given by Dr. Poehlmann.

Two half-hour lessons a week.....\$32.00

One half-hour lesson a week..... 17.00

Other Expenses

Harmony (in classes).....\$15.00

Counterpoint (in classes of two)..... 20.00

Composition (in classes of two)..... 25.00

Teachers' Instruction in Piano..... 10.00

Teachers' Instruction in Voice..... 10.00

Dictation and Ear Training..... 6.00

Forms and Analysis..... 10.00

Piano accompanists' course..... 10.00

Elements of music..... 8.00

Duet Lessons in Piano

One half-hour lesson with one of the Professors.....\$ 6.00

Piano duets are free for all students who have Piano
and Harmony.

Chorus is free for all music students.

Music History is free for all music students.

Piano practice periods in the Music Hall, forty minutes, for
the term\$1.00

For Music Library, Sheet Music for Chorus and Ensemble.... 1.00

Fees for certificates of any kind..... 2.00

Additions or duplicates..... 1.00

Organ practice periods in Carnegie Hall, one hour, for the term	5.00
Certificates of Dismissal	1.50
Diplomas	3.00
Special Examinations	1.00

Tuition is payable invariably in advance. No matriculation or registration fees, or entrance fees to college athletic games are charged. A reduction of \$5.00 is made in the tuition for two lessons per week in Vocal, Piano, Organ or Violin to the student who has already paid tuition for two lessons per week in another one of these branches.

A student leaving college during the first four weeks of the term is refunded one-half all tuitions. Students resident in the college dormitories who leave before the end of the term are charged rental for the room for the full term and are refunded any unused boarding (a fraction of a week is charged to the student as a full week).

GROVE CITY COMMERCIAL SCHOOL

Grove City Commercial School is closely connected in its organization with Grove City College. It maintains a course of study especially adapted to the needs of young men and women preparing themselves to become proficient in business practice.

COMMERCIAL COURSE

The course is similar to that pursued in the leading schools of the country and furnishes instruction fully equal to that found in the best business colleges of the State. We offer in this department a complete commercial course, one which prepares for business life in the widest sense and which gives thorough instruction in bookkeeping, banking, counting room work, and all such subjects.

BOOKKEEPING

Instruction in this branch is divided into four departments: Introductory, Intermediate, Advanced and Office Departments. The work is so planned that all other branches of study are made to keep pace with the student's progress in bookkeeping.

In the Introductory Department the pupil is thoroughly grounded in the principles and forms of negotiable paper and all such documents as pertain to practical business.

In the Intermediate Department the student is thoroughly tested as to his proficiency in the work already performed. Special forms of books are opened and closed, and advanced courses in commercial law and business correspondence are pursued and complicated features of accounts are carefully considered and mastered.

In the Advanced Department several special lines of work are taken up covering banking, wholesaling, com-

mission house work, jobbing house work, transportation, and business practice.

COLLEGE NATIONAL BANK

The Bank sustains the same relation to the pupils that the regular bank does to business men. It receives deposits, pays checks, collects notes and drafts, as well as domestic and foreign exchange, issues certificates of deposit, etc.

WHOLESALE HOUSE

Our wholesale house buys its goods of jobbers and sells at wholesale rates to the business practice department. The duties of this office involve writing letters, making out bills, preparing invoices, keeping banking accounts, rendering statements, drawing and paying drafts, notes, etc.

BUSINESS PRACTICE

The business practice and the counting room are the leading features of our commercial course and do more to advance the student in his work than any other feature of the business course. Here the pupils become in all essential particulars business men. They are provided with capital and with all necessary documents, the books and stationery of a business house. They are lead through a course of transactions, correspondence and records which are adapted to the thorough training of the student. This work is very comprehensive, including the keeping of a set of books, the drawing up of all kinds of business documents, including drafts, notes, checks, leases, mortgages, deeds, co-partnership and other contracts, receipts, orders, and all such business forms as pertain to actual business.

COMMERCIAL LAW

We give special attention to commercial law. No

student is equipped to go out into business who has not a thorough knowledge of the essential laws of business. We use as our leading text-book a work entitled "Commercial Law," published by Williams & Rogers, and go thoroughly into such subjects as the laws governing transactions, negotiable paper, agency, partnership, joint stock companies, corporations, insurance, interest, liens, tender, payment, real estate conveyance, etc., etc.

PENMANSHIP

We insist that our students shall take penmanship during the entire course until they become skillful business penmen. There are hours for penmanship practice daily during the entire course.

OUTLINE OF WORK

Commercial Law.
Business Correspondence.
Rapid Calculation.
Commercial Arithmetic.
English Grammar.
Penmanship.

Bookkeeping—Initiatory Blanks are Journal, Cash Book, Sales Book, Bill Book and Ledger. Intermediate and Advanced are Special Column Journal, Retail, Commission, Jobbing, Manufacturing, Single Entry, Banking and Three Weeks in Business Practice, with general review of previous work.

Business Practice includes keeping a set of books, receiving and issuing checks, notes, drafts, certificates of deposit, invoices and telegrams.

STENOGRAPHY AND TYPEWRITING

Practical stenographers and typists are in demand in almost every branch of business. The field for the practical application of stenography and typewriting is daily enlarging. Good stenographers and typists find ready employment at good salaries.

We teach the touch system of typewriting and the use of different typewriting machines, such as Remington, Visible Underwood, etc.

The time required to become a rapid office stenographer is, on the average, nine months. We guarantee to

prepare the average student who applies himself for practical office work as a stenographer in three terms.

TUITION

Tuition in the Commercial School is \$28 per term. This permits the student to receive instruction in all branches pertaining to this course as well as instruction in grammar and arithmetic. Most students are able to complete the course in two terms, especially those who have a good knowledge of the common branches. Books and stationery, \$6 for the course.

Tuition in Stenography, \$28.00 per term.

Tuition in Typewriting, \$10 per term, including the use of the machine for that time; practice for an additional term, \$5.

A diploma is awarded to each graduate setting forth the fact of graduation, and efficiency attained.

We can furnish sufficient work to employ the entire time of the students, yet many take advantage of the literary work of the College. Those taking one subject in the College are required to pay \$5; those taking two or more subjects, \$10.

SPECIAL ADVANTAGES

1. The opportunity of pursuing a business course under the best Christian influences.
2. The exceedingly low cost of a course in business here as compared with that of the usual business or commercial college.
3. The stimulus incident to association with earnest students in the College.
4. The opportunity of taking literary studies in connection with the business course.
5. The comparative safety of a student from the vices and allurements of a large city.

6. Access to the college library and reading room, the advantage of literary and musical societies at the College, and the free use of all facilities provided for the college students.

7. The opportunity of taking stenography and typewriting in connection with commercial studies is improved by many who enter the business department.

GROVE CITY SCHOOL OF ART

The Grove City School of Art was organized in 1893, since which time there has been a manifest growth of art sentiment in the community. It is closely affiliated with Grove City College.

Miss Lilian McConkey, who received her training in some of the best art schools of this country and notably at the Academy of Fine Arts, Philadelphia, and who has had several years successful experience in teaching was engaged to take charge of this work at the beginning of the year 1904-05.

Miss McConkey is a constant and conscientious student herself, and has the power of seeing nature with seeing eyes. She has also the gift of interpreting nature for others and gives to each pupil her careful and personal attention.

The remarkable showing upon our walls of each year's output in all the classes of the department in creative, as well as merely representative work, is evidence that students are being truly educated. The work reveals the sensitiveness that has been developed in them to all forms of beauty—beauty of form, of color, of line, of mass and of value, and with it the power to express those images of beauty which William M. Chase, the artist, so graphically calls the Oratory of Art.

The regular course in the fine arts is compassed by the average pupil in two years, if the entire time is spent in the studio. This includes four regular lessons a week from the instructor and personal criticisms in all the work done in her absence. The tuition for the full course work is \$27 a term. To those not wishing to follow the regular course of work, two lessons a week will be given for \$15 a term. Students, who desire to take literary work can do so by paying \$10 for one subject or \$15 for two or more subjects. Art students who take music or

commercial work, pay the full tuition in these respective departments. Those students, desiring to take up art for public school work, will be furnished instruction along this line. The foundation of the work will be the same as that required in the regular course, changes being made to suit the requirements of this work. The time for the completion of this course and the tuition will be the same as the other. This is a line of work that is practical and for which there is great demand. Quite a number of our graduates are successfully engaged in this work.

The following is a brief outline of the work compassed in the Fine Arts:

Crayon drawing from geometrical solids and vases with applied perspective. Lead pencil drawing after foliage and flowers from nature, with training in observation of plant growth for use in flower painting from nature.

Charcoal drawing from still life as exercises in composition and for study of varied colored values. Brush drawing in sepia and charcoal, gray from foliage, casts and still life. Practice for the handling of water color. Historic ornament; time sketching; perspective, antique drawing from casts of the human body; water color from the flat and from nature. Oil from the flat and from nature. China sketching; art history; outdoor sketching.

For those desiring to teach art in the schools, special work is outlined in mechanical drawing, design, historic ornament, figure and animal drawing, pictorial representation, art history, etc.

Miss McConkey, while in the East, found time to look up the newest and very latest things in china decoration and is prepared to give her pupils the best to be had along this line. Special inducements are given in this department and, if so desired, instruction will be given without previous training and the same careful

attention as to their taking a more serious outlook of the subject.

COURSE IN FINE ARTS

FIRST YEAR—FIRST TERM

Drawing from type forms.
Shading of type forms in charcoal and crayon.
Drawing from still-life.
Study of plant growth.
Still-life in charcoal.
Perspective.
Bust work in sepia.

SECOND TERM

Crayon work in bas-relief.
Water colour from the flat.
Memory sketching.
Time sketching.
Work for historic ornament.
Study of colour from nature in simple forms.
Composition.

THIRD TERM

Oil from the flat.
Drawing from the casts of human figure.
Sketching from nature in pencil.
Harmony.
Drawing from animals.
Studies in life and action.
Original compositions.

SECOND YEAR—FIRST TERM

Still-life in oil.
Drawing from the antique.
Design.
Outdoor sketching in oil.
Pose drawing.
Biography in Art.

SECOND TERM

Drawing from the Antique.
China painting.
Original designing and decoration.
Drawing from life.
History of art.
Scrub method in water-colour.
Original studies.

THIRD TERM

Still life in water colour.
Drawing from the Antique.

Drawing from life.
Outdoor sketching in water-colour.
Original illustration in black and white.
Teaching.

RATES OF TUITION PER TERM

Course in Fine Arts.....	\$27.00
Course in School Art.....	27.00
China Painting	15.00
Water Color	15.00
Oil	15.00

DEGREES AND HONORS

At the annual meeting of the Board of Trustees, June 15, 1915, the following degrees were conferred; they were awarded at the Commencement, June 16, 1915:

BACHELOR OF PHILOSOPHY

Brunstetter, Roscoe Hough	Clairton
Campbell, Gurvin Thistle	Big Run
Cummins, David McCalmont	McDonald
Gahagan, Clair Boyd	Dayton
Gilliland, Clarence H.	West Middlesex
King, Edward Carlisle	Grove City
McCord, Thomas Thompson	McKeesport
Robins, Minnie Melvina	Grove City
Whitehill, Deane Wright	Hookstown

BACHELOR OF SCIENCE

Clawges, Ross W.	Reynoldsville
Durstine, Sherman H.	Mount Pleasant
Hughes, Harry Merrill	Emlenton
Kind, Samuel Harvey	Valencia
Lash, Henry Mellinger	Yohogany
Meley, Everett Leonard	Clarendon
Neeley, William H.	Emlenton
O'Donnel, Wayne Edgar	Reynoldsville
Ramsey, Uriah Clifford	Portersville
Sproull, Bert Christley	Bruin
Vance, John Glenn	Grove City
Wert, Logan Markel	Sharpsville

BACHELOR OF ARTS

Allen, Percival Wayne	Grove City
Benade, Anna	Big Run
Black, Mary Helen	Richmond, Ohio
Cox, Emma Elizabeth	Munhall
Cox, Margaret Luella	Munhall
Dorr, John H.	Grove City
Elliott, Howard H., Jr.	Freeport
Evans, Stanley	Moosic
Gallagher, Benjamin H.	Adamsville

Gearhart, Harry Alonzo	Dayton
Granger, Gordon L.	South Portland, Maine
Headley, Francis D.	West Finley
Henderson, Carroll Delos	Sandy Lake
Hogg, Calvin	Slippery Rock
McClelland, Clark Russell	Blairsville
McCune, Katherine Grace	Grove City
Martin, Elsie Naomi	Baden
Miller, Madge Irene	Apollo
Montgomery, Mabel Elizabeth	Grove City
Minehan, Anna Agnes	Sharpsville
Moser, Walter Lysander	Butler
Pringle, Samuel Wilson	Grove City
Purvis, George Mealy	Grove City
Ramsey, Frank Clark	Hanlin Station
Reed, Harold Sammons	Erie
Rodgers, Howard	Pittsburgh
Spleen, Florence Catherine	Kane
Thomas, Horace Gibson	Coraopolis
Thompson, Matilda Roberts	Sharon
Thounhurst, Gertrude Belle	Avonmore
Urch, Erwin J.	Wattsburg

BACHELOR OF LITERATURE

Montgomery, Merritt Ernest	Grove City
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MUSIC GRADUATES

Coulter, Fannie	Grove City
Fithian, Leila	Grove City
Grace, Martha	Clarks Mills
Kerr, Ora Marie	Grove City
Lockhart, Mary Elizabeth	Toledo, Ohio
McCoy, Vista May	Grove City
Robins, Mary Ruth	Fredonia
Smith, Isabel Rebecca	Jackson Center

VIOLIN

Reynolds, Esther	Grove City
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VOICE

Moser, Walter Lysander	Butler
Poehlmann, Ilse Katherine	Grove City

PUBLIC SCHOOL MUSIC

Lockhart, Mary ElizabethToledo, Ohio
 McCullough, William HamiltonWampum

ART GRADUATE

Metzgar, Iva MayShippenville

MASTER OF ARTS IN CURSU

McKinley, Harry Calvin, Ph. B., Grove City College; Principal
 of the High School, Polk, Pennsylvania.
 Turney, Omar A., Phoenix, Ariz.

DOCTOR OF DIVINITY, HONORARY

McCrea, Charles Albert, A. B., Washington and Jefferson College; Pastor of the First Presbyterian Church, of Oakmont, Pennsylvania.
 Mitchell, William S., A. B., A. M., Iowa Wesleyan University, S. T. B., Boston University; Pastor of the Plymouth Methodist Episcopal Church, of Buffalo, New York.
 Wilkinson, Lewis Sutton, B. S., Mount Union College, B. D., Pittsburgh Theological Seminary, Ph. D., Grove City College; Pastor of the Friendship Park Methodist Episcopal Church, of Pittsburgh, Pa.

DOCTOR OF PHILOSOPHY IN CURSU

Dundore, Paul Jonathan, Ph. B., A. M., Grove City College, Pastor of the Christ Reformed Church, of Latrobe, Pennsylvania.
 Hoban, Charles F., A. B., Grove City College; Superintendent of the Schools of Dunmore, Pennsylvania.
 Rinker, Austin John, Pastor of the Methodist Episcopal Church of Titusville, Pennsylvania.
 Turnbach, S. Prentiss, B. S., Lafayette College; Vice Principal of the Schools of Hazelton, Pennsylvania.

HONORS

Summa cum laude:—Clark Russell McClelland.
 Magna cum laude:—Elsie Naomi Martin, Merritt Ernest Montgomery, Matilda Roberts Thompson.
 Cum laude:—Carroll Delos Henderson, Howard Rodgers.
 Departmental Honors in German:—Anna Agnes Minehan.

ROSTER OF STUDENTS

POST-GRADUATES

Bickett, W. J.	Rahway, New Jersey
Capers, T. S.	Princeton, New Jersey
Dickey, Margaret	Oil City, Pa.
Elder, Mrs. S. C.	Grove City, Pa.
Garwood, C. H.	Pittsburgh, Pa.
Johnston, Elena	Grove City, Pa.
Knarr, H. E.	Wickliffe, Kentucky
Kelly, T. V.	Clintonville, Pa.
Lawther, J. H.	Bellaire, Ohio
Lehn, H. M. B.	Grove City, Pa.
Lytle, J. G.	Heckensack, New Jersey
Lynch, J. J.	St. Marys, Pa.
Merrick, D. R.	Knoxville, Pa.
Miller, T. P.	Brockport, Pa.
Nicholson, H. S.	Grove City, Pa.
Peters, Charles	Juniata, Pa.
Pires, E. C.	Fostoria, Ohio
Platt, C. A.	Mansfield, Pa.
Rutherford, J. W.	Clarion, Pa.
Southworth, G. C.	Grove City, Pa.
Scott, J. E.	Grafton, W. Va.
VanBuskirk, W. R.	Mercer, Pa.
Wozencraft, J. G.	McConnellsville, Ohio

Total 23; 20 men, 3 women.

SENIORS

Atkinson, Mabel	a.b.....	Elm Grove, W. Va.
Bell, W. Howard	ph.b.....	York, Nebraska
Brogan, Grace E.	a.b.....	Clairton, Pa.
Brown, Frederick P.	a.b.....	New Castle, Pa.
Campbell, Lee Dorothy	a.b.....	Big Run, Pa.
Christie, Ida	a.b.....	Grove City, Pa.
Clark, Sara	ph.b.....	Grove City, Pa.
Covert, Alice	a.b.....	Portersville, Pa.
Cloos, Ira H.	ph.b.....	Crafton, Pa.
DeFrance, J. Addison	b.s.....	Sandy Lake, Pa.
Hawkins, Herbert	a.b.....	Jefferson, Pa.
Helsman, F. B.	a.b.....	Bernice, Pa.
Hosick, Gertrude	litt.b.....	Grove City, Pa.

Kitamura, Toson	b.s.....	Grove City, Pa.
Knapp, J. Scott	a.b.....	Fredonia, Pa.
Keister, W. P. Humes	b.s.....	Export, Pa.
Martin, C. L.	b.s.....	New Castle, Pa.
Montgomery, Nevin	b.s.....	Shade Gap, Pa.
Owens, John D.	a.b.....	Pittsburgh, Pa.
Payton, Eugene	b.s.....	Dunmore, Pa.
Ralston, Ray	b.s.....	Conneaut Lake, Pa.
Robb, Samuel M.	ph.b.....	Bradford, Pa.
Sabol, John G.	a.b.....	McKeesport, Pa.
Shaw, Ira D.	a.b.....	Salina, Pa.
Shoemaker, Frank L.	ph.b.....	Ellwood City, Pa.
Smith, Darwin D.	b.s.....	Oswayo, Pa.
Smith, Eva Jane	a.b.....	Lanes Mills, Pa.
Wallace, Elder R.	b.s.....	New Castle, Pa.
Watrous, J. Bert	b.s.....	Dunmore, Pa.
Weil, C. D.	ph.b.....	Braddock, Pa.
Whieldon, Harold D.	a.b.....	Grove City, Pa.
Wiley, Howard G.	a.b.....	New Middletown, Ohio
Wilson, C. B.	b.s.....	Woodland, Pa.
Zenn, Philip H.	ph.b.....	McKeesport, Pa.

Total 34; 26 men, 8 women.

QUALIFYING SENIORS

Abbott, Franz D.	litt.b.....	Grove City, Pa.
Allen, Emma	a.b.....	New Cumberland, W. Va.
Armstrong, Angus	a.b.....	Franklin, Pa.
Black, J. Walter	b.s.....	Richmond, Ohio
Bortz, Clifford E.	b.s.....	Transfer, Pa.
Cameron, James W.	a.b.....	New Castle, Pa.
Campbell, Robert J.	b.s.....	Claringdon, Pa.
Caven, Lulu	a.b.....	Beaver Falls, Pa.
Chamberlain, Helen	a.b.....	Grove City, Pa.
Crowe, Eva D.	a.b.....	Washington, Pa.
Dunlap, Forrest B.	a.b.....	Jackson Center, Pa.
Glasgow, Martin A.	b.s.....	Vandergrift, Pa.
Heckathorne, O. H.	a.b.....	Slippery Rock, Pa.
Locke, Offutt H.	b.s.....	Woodlawn, Pa.
Miller, Ruth	a.b.....	Derry, Pa.
McCamey, Harold	a.b.....	Grove City, Pa.
Nichols, Carrie	a.b.....	Vandergrift, Pa.
Reagle, Charles	a.b.....	Wellsville, Ohio
Redman, Anna	a.b.....	Glassport, Pa.
Rodgers, H. Russell	b.s.....	Grove City, Pa.

Studebaker, J. J.	b.s.....	Slippery Rock, Pa.
Snyder, Birde	a.b.....	West Monterey, Pa.
Thorne, Robert E.	a.b.....	Grove City, Pa.
Vaughn, William J.	a.b.....	Grove City, Pa.
Veach, Samuel M.	a.b.....	New Castle, Pa.
Veach, Vance V.	a.b.....	New Castle, Pa.

Total 26; 18 men, 8 women.

JUNIORS

Bigler, Helen	Grove City, Pa.
Biles, J. Howard	Ulster, Pa.
Black, Ruth	Grove City, Pa., R. D. 12
Campbell, Catherine	Grove City, Pa.
Chelius, Robert E.	Westville, Pa.
Connell, John T.	Slippery, Rock, Pa.
Dean, Anna	Conneautville, Pa.
Dickson, Frank E.	Valencia, Pa.
Davis, Donald P.	Atlantic, Pa.
Fairgrieve, Russell B.	Grove City, Pa.
Glenn, Burdette	West Sunbury, Pa.
Greenfield, Ramon B.	Springboro, Pa.
Herriott, Laura	Sharpsville, Pa., R. D. 54
Hill, Robert B.	Grove City, Pa.
Houck, Willis A.	Lovejoy, Pa.
Howe, Mary	Grove City, Pa.
Jack, Eunice H.	Grove City, Pa.
Kirkpatrick, J. Max	Shirleysburg, Pa.
King, C. B.	Grove City, Pa.
McClure, Margaret	Jeannette, Pa.
McCormick, Eva	Fredonia, Pa.
McKee, Eleanor	Baldwin, Pa.
Marshall, Fred	Adamsville, Pa.
Morledge, Roy	Grove City, Pa.
Nicholson, David K.	Braddock, Pa.
Ormond, Margaret	Grove City, Pa.
Patton, John W.	Vandergrift, Pa.
Phillips, Natalie	Punxsutawney, Pa.
Pierce, Harold O.	Grove City, Pa.
Robinson, Ernest L.	Grove City, Pa.
Stewart, Gretchen	Sharon, Pa.
Weisz, Abraham B.	Grove City, Pa.
Wells, E. Marion	Wellsville, N. Y.
Welsh, Ray D.	Ford City, Pa.

Total 34; 20 men, 14 women.

SOPHOMORES

Allen, Ira G.	Clintonville, Pa.
Alter, Samuel Neale	Freeport, Pa.
Baird, W. L.	Clintonville, Pa.
Baldesberger, Carrie	Canonsburg, Pa.
Bell, Ellen	North Washington, Pa.
Bell, Jean	North Washington, Pa.
Bell, Ruth C.	Yatesboro, Pa.
Bigler, Victor L.	Grove City, Pa.
Binlyn, Elizabeth	Greensburg, Pa.
Black, Ira A.	New Castle, Pa., R. D. 7
Black, Roland J.	Grove City, Pa.
Blair, Hazel	Clintonville, Pa.
Boliver, T. Earl	Zelienople, Pa.
Boots, Sylvia	Grove City, Pa.
Boren, Howard	Youngstown, Ohio
Bowser, J. A.	Kittanning, Pa.
Brehm, Irene	Rochester, Pa.
Brenner, Roy	Jamestown, Pa.
Bromley, Norman I.	Fredonia, Pa.
Buchanan, Mabel	Grove City, Pa.
Burnham, R. C.	Strattonville, Pa.
Cotton, Geraldine	Mercer, Pa.
Crawford, Helen L.	Mercer, Pa.
Davis, Mary	Grove City, Pa.
Davis, Thomas C.	Grove City, Pa.
Deal, Marion	Grove City, Pa.
Decker, Harold D.	Cambridge Springs, Pa.
DeFrance, A. K.	Sandy Lake, Pa.
Des Rochers, Chester H.	Instanter, Pa.
Dodds, Wesley B.	Jamestown, Pa.
Edeburn, Paul W.	West Middlesex, Pa.
Edgar, R. H.	Wilmerding, Pa.
Edwards, Guy L.	Riceville, Pa.
Fisher, Claire	Reynoldsville, Pa.
Fithian, Leila	Grove City, Pa.
Gelbach, Nettie S.	Butler, Pa.
Ginley, John	Dunmore, Pa.
Hannigan, Mary	Monessen, Pa.
Hayes, Edward E.	Luthersburg, Pa.
Heckert, Carl W.	Bakerstown, Pa.
Henderson, Arthur B.	Grove City, Pa.
Hewlett, Augusta	Grove City, Pa.

Hogg, A. J.	Slippery Rock, Pa.
Holder, Carl L.	Cambridge Springs, Pa.
Hosick, Edna	Grove City, Pa.
Humphrey, Helen	Portersville, Pa.
Jordan, Marian S.	Grove City, Pa.
Kelly, Helen M.	Grove City, Pa.
Knapp, Lloyd V.	Fredonia, Pa.
Kuhn, Marjorie	Grove City, Pa.
La Camera, Frank	Farrell, Pa.
Lawson, Glenn R.	Saybrook, Pa.
McBride, Rowena	Grove City, Pa.
McCamey, Marian	Parkers Landing, Pa.
McCoy, Lois M.	Grove City, Pa.
McCune, Mary Gertrude	Grove City, Pa.
McGranahan, Joseph	Jamestown, Pa.
McIlwain, J. Clyde	Pittsburgh, Pa.
McNees, Herbert W.	North Washington, Pa.
Manson, H. L.	Clarion, Pa.
Marshall, Ralph	Dayton, Pa.
Martin, J. Albert	Greenville, Pa.
Meals, W. Mearle	West Sunbury, Pa.
Means, Alta	Brookville, Pa.
Minor, Scott	Jefferson, Pa.
Moon, Denton	Grove City, Pa.
Munz, C. E.	Harrisville, Pa.
Ormond, Roger M.	Grove City, Pa.
Pollock, Harry C.	Burgettstown, Pa.
Potts, Lucia	Custer City, Pa.
Preston, J. L.	New Castle, Pa.
Raub, Glesson	Vandergrift, Pa.
Reed, Frances	Erie, Pa., R. F. D.
Reed, Ramona	DuBois, Pa.
Reichard, James I.	Sandy Lake, Pa.
Ritchey, Alfred C.	Grove City, Pa.
Robinson, Ellis F.	Grove City, Pa.
Ruffing, John	Grove City, Pa.
Ryan, Ruth	DuBois, Pa.
Saul, Bertha	Greenville, Pa.
Stuart, Ida Belle	Erie, Pa.
Sturgeon, Helen	Grove City, Pa.
Thompson, Thomas C.	West Sunbury, Pa.
Turner, Wallace	Grove City, Pa.
Vought, H. E.	Portland Mills, Pa.
Weaver, Ivy	Johnstown, Pa.

Weil, Edgar E.	Braddock, Pa.
Wick, J. LeRoy	Chicora, Pa.
Young, Charlotte P.	Greenville, Pa.
Young, Mary	Eighty-Four, Pa.

Total 90; 51 men, 39 women.

FRESHMEN

Adam, Earl	Utahville, Pa.
Aiman, Ralph	Sykesville, Pa.
Alexander, Margaret	Grove City, Pa.
Anderson, William R.	Monongahela
Bagnall, W. Paul	Stoneboro, Pa.
Baker, Helen	Grove City, Pa.
Bloom, Worth	DuBois, Pa.
Blyholder, Isabel	Kelly Station, Pa.
Boarts, Walter S.	Greensburg, Pa.
Brown, Joseph B.	Slippery Rock, Pa.
Burton, John D.	Grove City, Pa.
Byers, Wendell	Homer City, Pa.
Carroll, Wayne	West Findley, Pa.
Chamberlain, Dorothy	Grove City, Pa.
Clark, Bula	Grove City, Pa.
Daugherty, Vivian Corrine	Clintonville, Pa.
Dean, Howard	Mars, Pa.
Dixon, Carl	Greensburg, Pa.
Eberhardt, Mary	Monaca, Pa.
Edmunds, Dorothy	New Castle, Pa.
Eisaman, Gertrude	Latrobe, Pa.
Filer, Roy	Grove City, Pa.
Forrest, Esther	Grove City, Pa.
Frew, James	New Castle, Pa.
Frew, Margaret	Grove City, Pa.
George Grace	Grove City, Pa.
Gibson, Elgie L.	North Washington, Pa.
Glunt, Homer	Apollo, Pa., R. F. D.
Gould, Helen	Grove City, Pa.
Graham, Robert	Emlenton, Pa.
Gregg, W. R.	Grove City, Pa.
Grossman, Eugene S.	Slippery Rock, Pa.
Haffey, Ella J.	Haffey, Pa.
Hazlett, William J.	Grove City, Pa.
Heckman, Edward E.	Meadville, Pa.
Heile, Roland D.	Transfer, Pa.
Heilman, Ralph	Kittanning, Pa.

Henderson, Mary	West Newton, Pa.
Henry, W. Fred	Apollo, Pa.
Hill, Paul	Grove City, Pa.
Hoover, Horace	Mechanicsville, N. Y.
Hosick, Edna	Grove City, Pa.
Hovis, Marjorie	Clintonville, Pa.
Jack, Esther	Grove City, Pa.
Jackson, Mrs. Cora	Rexford, Pa.
Jones, W. H.	Kellettville, Pa.
King, Martha	Grove City, Pa.
Kirkpatrick, Paul M.	Kenmore, Ohio
Kroh, James H.	Rural Valley, Pa.
Kilgore, Charles D.	Greenville, Pa.
Knapp, Emma Marie	Crafton, Pa.
Langer, Albert J.	Carnegie, Pa.
Leslie, Edith	Arnold, Pa.
Limber, Ross	Jackson Center, Pa.
Livingood, Fred	Farrell, Pa.
Lusk, Elizabeth	Butler, Pa.
Lyon, Fred	Butler, Pa.
McKinstry, Samuel R.	Vandergrift, Pa.
McRoberts, Opal	New Kensington, Pa.
Magee, J. Frank	Grove City, Pa.
Marsh, C. E.	Ten Mile Bottom, Pa.
Mitchell, Frances	Butler, Pa.
Moon, Marie	Grove City, Pa.
Moot, Mary	DuBois, Pa.
Morledge, Weir	Grove City, Pa.
Murphy, Roderick L.	Franklin, Pa.
Niece, William	Grove City, Pa.
Nutt, Eugene L.	Grove City, Pa.
Painter, H. C.	West Sunbury, Pa.
Parsons, Milton	Slippery Rock, Pa., R. F. D.
Patterson, Charles	Grove City, Pa.
Perry, Paul J.	Branchton, Pa.
Phipps, Clifford C.	Clintonville, Pa.
Phipps, Thomas	Clintonville, Pa.
Purvis, William	Grove City, Pa.
Redmond, Florence	Grove City, Pa.
Reed, Charles P.	Corsica, Pa.
Reicherter, Emily	Brookville, Pa.
Ritchey, Harold S.	Grove City, Pa.
Robins, Lola	Grove City, Pa.
Robinson, Arvilla	Linesville, Pa.

Robinson, James B.	Grove City, Pa.
Sammons, Mabelle	Union City, Pa., R. D. 7
Schaeffer, Emmett	Grove City, Pa.
Schrader, Maida	Allison Park, Pa.
Shelly, P. Leonard	Grove City, Pa.
Slough, Miriam	New Castle, Pa.
Smith, Edwin	Falls Creek, Pa.
Smith, Robert	Sandy Lake, Pa.
Spearman, Ruth	Grove City, Pa.
Storey, J. M.	Kittanning, Pa., R. D.
Sturgeon, Marian	Grove City, Pa.
Surrena, Harland	Grove City, Pa.
Tait, Karl	Mercer, Pa.
Taylor, Bertha	Canonsburg, Pa.
Terihn, Julia	Ridgway, Pa.
Thomas, Homer	Coraopolis, Pa.
Thomas, Vergil	Coraopolis, Pa.
Uber, Arthur	Grove City, Pa.
Ungard, William T.	Watsonstown, Pa.
Wagner, Mabel	Princeton, New Jersey
Walter, Deane C.	Export, Pa.
Walter, J. Roy	Apollo, Pa.
Webster, Goodwin B.	Harveys, Pa., R. F. D.
Weitzel, Paul K.	Portersville, Pa.
Whieldon, Lucile	Grove City, Pa.
White, Florence	Grove City, Pa.
Williamson, Elizabeth	Bellevue, Pa.
Wiley, Roy W.	Edinburg, Pa.
Wilson, Lawrence M.	Wampum, Pa.
Young, Victor	Grove City, Pa.

Total 111; 69 men, 42 women.

CONDITIONAL FRESHMEN

Andrews, Leonard	Cochranton, Pa.
Appleyard, Joseph	Beaverdale, Pa.
Berrisford, William	Stoneboro, Pa.
Boyd, Muryl	Princeton, Pa.
Dickson, Elda	New Martinsville, W. Va.
Duffy, J. E.	Harrisville, Pa.
Egbert, A. Clair	Stoneboro, Pa.
Enterline, F. M.	Brockwayville, Pa., R. D.
Gaiser, J. Lee	Chicora, Pa.
Heckert, Joseph	Bakerstown, Pa.
Kelly, L. Dayne	Bruin, Pa.

Krieg, Irwin J.	Portland Mills, Pa.
Law, Samuel	Lloydell, Pa.
Matson, Mae	Sigel, Pa.
Miller, Clarence	Apollo, Pa.
McKinley, Wade	Polk, Pa.
Patterson, Allen DeWitt	Franklin, Pa.
Patton, Harry T.	Kittanning, Pa.
Penman, Robert	Grove City, Pa.
Rider, Craig	East Brady, Pa.
Sharpe, Mearl	Sigel, Pa.
Smith, Byron	Emlenton, Pa., R. D. 2
Thompson, Harold	Dempseytown, Pa.
Wick, Robinson	Parkers Landing, Pa.
Whitehill, Eulalie	Hookstown, Pa.
Total 25; 22 men, 3 women.	

PEPARATORY AND SPECIAL

Akeley, Archie P.	Sinclairville, N. Y.
Baker, Bertha W.	Grove City, Pa.
Baldwin, Leslie C.	McDonald, Pa.
Bamford, George K.	Spanish Mills, Ont., Canada
Baum, Charles	Manorville, Pa.
Bogue, Marie	Erie, Pa.
Bohlender, James H.	Grove City, Pa.
Bott, Paul	Apollo, Pa.
Boulder, Carrie	Butler, Pa., R. 6
Bovard, C. F.	Grove City, Pa.
Bovard, S. Robert	Grove City, Pa.
Brown, Samuel	Apollo, Pa.
Buchanan, James	Hookstown, Pa.
Buchanan, Martha	Hookstown, Pa.
Byers, Justin H.	Homer City, Pa.
Carruthers, Manfull	Grove City, Pa.
Chamberlain, Robert	Grove City, Pa.
Christie, Jessie	Grove City, Pa.
Clarke, H. J.	West Middlesex, Pa.
Connolly, Hugh	Pittsburgh, Pa.
Conrad, Sara	Grove City, Pa.
Cook, James A.	Beaver Falls, Pa.
Coultas, Thora	Quaker City, Ohio
Coulter, Harold	Grove City, Pa., R. D. 16
Covert, Harold	Portersville, Pa.
Creighton, Jennie	Mercer, Pa.
Cummings, Laura	Grove City, Pa.

Dale, Fred F.	Grove City, Pa.
Duryea, Eloise	Eldred, Pa.
Earhart, Wyeth	Saltsburg, Pa.
Edmundson, C. A.	McKeesport, Pa.
Fails, Allen	Livermore, Pa.
Fowler, Blanche	Sandy Lake, Pa.
Fredley, H. E.	Butler, Pa.
Garwood, C. H.	Pittsburgh, Pa.
Gallagher, Lois	Zelienople, Pa.
Gaston, R. E.	Meadville, Pa.
Gould, C. H.	Grove City, Pa.
Hamer, Edward	Fayette City, Pa.
Hamilton, Alexander	Export, Pa.
Hamilton, Lester	Argentine, Pa.
Hankey, Ethel	Jackson Center, Pa.
Harbridge, A. V.	DuBois, Pa.
Harris, William	Grove City, Pa.
Hays, Florence	Luthersburg, Pa.
Heckert, R. L.	Bakerstown, Pa.
Henry, Edgar S.	Apollo, Pa.
Hilliard, John L.	West Sunbury, Pa.
Hoban, J. Albro	Dunmore, Pa.
Hood, Mary M.	Hookstown, Pa.
Hughes, Walter L.	DuBois, Pa.
Hunter, H. H.	Emlenton, Pa.
Kays, John	Bellaire, Ohio
Kelly, W. J. Bryan	Cranberry, Pa.
Kistler, J. O.	Export, Pa.
Knox, George G.	New Castle, Pa.
Leech, M. O.	Waterford, Pa.
McChesney, J. Allen	Grove City, Pa.
McClelland, Gerald H.	Steamboat Springs, Colo.
McCracken, Louise	Carlton, Pa.
McCready, Adeline	Ridgway, Pa.
McCullough, Clara	Sandy Lake, Pa.
McGeary, Pearl	Grove City, Pa.
McGregor, Joseph C.	Parkers Landing, Pa.
McKinnie, R. E.	New Galilee, Pa.
McNeil, Paul B.	Pittsburgh, Pa.
McPherson, Merrill	Yatesboro, Pa.
Martin, Joseph A.	Webster, Pa.
Martinson, Harriet	Ridgway, Pa.
Masters, Harry M.	Centerville, Pa.
Mead, Mary	Curwensville, Pa.

Metzgar, Ethel	Shippenville, Pa.
Monroe, G. Karl	Butler, Pa.
Monroe, Lois	Grove City, Pa.
Montgomery, Paul	Grove City, Pa., R. 16
Montgomery, W. G.	Grove City, Pa., R. 16
Montgomery, Robert	Grove City, Pa.
Moon, George A.	Grove City, Pa., R. 16
Morledge, Helen	Grove City, Pa.
Morledge, Walker	Grove City, Pa.
Morledge, Weir	Grove City, Pa.
Morris, Ray	Perry, New York
Morrow, John D.	Bakerstown, Pa.
Myers, Adelaide	Grove City, Pa.
Niece, Helen	Grove City, Pa.
Norris, James L.	Warrendale, Pa.
Ormond, Alexander T. Jr.	Baltimore, Maryland
Pears, Thomas	Springboro, Pa.
Platt, Wesley	DuBois, Pa.
Plunkett, Mary	Houston, Pa.
Reed, Ethel	Grove City, Pa.
Reed, Martha	Warren, Ohio
Robertson, Ethel	Cowansville, Pa.
Rosa, Pedro	Hatillo, Porto Rico
Shannon, Marion	New Castle, Pa.
Shoemaker, Milo L.	Beaver Falls, Pa.
Shumaker, Ruth	New Bethlehem, Pa.
Simmons, T. D.	Waynesburg, Pa.
Slater, Thomas	Grove City, Pa.
Smith, L. C.	Luthersburg, Pa.
Sowers, D. E.	Anita, Pa., R. D. 1
Sparber, L. R.	Salina, Pa.
Stewart, Arthur	Transfer, Pa., R. D.
Stoops, Earl	West Sunbury, Pa.
Stoops, J. A.	West Sunbury, Pa.
Swan, T. S.	New Brighton, Pa.
Swartzfager, Charles	New Bethlehem, Pa.
Sweet, R. S.	Instanter, Pa.
Tait, Quincey A.	Mercer, Pa.
Turner, Rachel	Grove City, Pa.
Vandevort, Louis	Beaver Falls, Pa.
Veatch, Elaine	Coraopolis, Pa.
Wahl, S. A.	Beaver Falls, Pa.
Walter, W. F.	Export, Pa.
Ware, Clinton F.	Guys Mills, Pa.

Wenzel, Hilda	Homestead, Pa.
Whitehill, J. Lorrin	Hookstown, Pa.
Wilson, L. M.	Woodland, Pa.
Wolfe, Sara	Leetsdale, Pa.

Total 120; 85 men, 35 women.

PEDAGOGY STUDENTS, SUMMER TERM, 1915

A'Hern, Margaret	Kersey, Pa.
Allott, Winifred	Kittanning, Pa.
Anderson, Grace	Mercer, Pa.
Anderson, Jennie	Conneautville, Pa.
Anderson, Nevada	Oil City, Pa.
Austin, J. S.	Greenville, Pa.
Barber, Rose	Slippery Rock, Pa.
Barber, Mary	Slippery Rock, Pa.
Barden, Alice	Eldred, Pa.
Barger, Lottie	St. Petersburg, Pa.
Barnes, Mrs. Bertha	Eldersville, Pa.
Barr, Minnie I.	Shawmut, Pa.
Barto, Nancy	Rochester, Pa.
Bartoo, DeForest	Mills, Pa.
Bartoo, Myrtle	Harrison Valley, Pa.
Bartoo, D. R.	Harrison Valley, Pa.
Bayer, Elma	Butler, Pa.
Beatty, Anetta	Franklin, Pa.
Beckman, Mabel	Cambridge Springs, Pa.
Bell, Sara	Pittsburgh, Pa.
Beil, Beatrice	Greenville, Pa.
Beynon, Mary	Scranton, Pa.
Bigley, Mary	New Castle, Pa.
Blackley, Elizabeth	Fairhaven, Pa.
Bloom, Olive	Connellsville, Pa.
Bloom, Sara	Grampian, Pa.
Blume, Olive	Conway, Pa.
Boarts, Alma	Kittanning, Pa.
Boggs, Faye	New Brighton, Pa.
Bolser, Ella	West Bridgewater, Pa.
Bond, Helen Lee	Washington, Pa.
Borland, Ida	Washington, Pa.
Borland, Rachael	Monongahela, Pa.
Bowers, Sylvia	Burgettstown, Pa.
Boyd, Grace	New Castle, Pa.
Braden, S. B.	Amity, Pa.
Brady, Ella	Pittston, Pa.

Brant, Erla	Berlin, Pa.
Brighton, Bertha	Phillipsburg, Pa.
Brown, Helen	Linesville, Pa.
Brown, Mary	Slippery Rock, Pa.
Brown, Margaret	Greensburg, Pa.
Buchanan, Mary	Washington, Pa.
Buckley, Margaret	Pittston, Pa.
Burke, Eva	Pittston, Pa.
Burry, Cora	New Brighton, Pa.
Butler, Janet	Grove City, Pa.
Buton, Hazel	Ambridge, Pa.
Calder, Carrie	Claysville, Pa.
Callahan, Alice	Kersey, Pa.
Campbell, Gertrude	Latrobe, Pa.
Campbell, Jennie	New Sheffield, Pa.
Carey, Ethel	Rochester, Pa.
Carroll, Ella	Avoca, Pa.
Carter, B. C.	Dunn Station, Pa.
Carter, Zoe V.	Dunn Station, Pa.
Casey, Mary	Sugar Notch, Pa.
Cassidy, Treva	Polk, Pa.
Chambers, Myrna	Ellwood City, Pa.
Charlesworth, Reaetta	Donora, Pa.
Chesley, Hazel	Washington, Pa.
Clark, Clara	Darlington, Pa.
Cochran, Marguerite	Dunbar, Pa.
Cole, Ina Gae	Beaver Falls, Pa.
Colton, Ivan	Carlton, Pa.
Comer, Frances	Monongahela, Pa.
Comer, Lulu	Monongahela, Pa.
Conrad, Mary	Burgettstown, Pa.
Cook, Dora	Greenville, Pa.
Cort, Emma	Latrobe, Pa.
Cort, Helen	Latrobe, Pa.
Cosgrove, Bea	Duryea, Pa.
Cover, Grace	Johnstown, Pa.
Cozad, Edna	Grove City, Pa.
Craig, Mrs. Ethel	Roaring Spring, Pa.
Craig, Florence	Kersey, Pa.
Cramer, Mayme	Apollo, Pa.
Crocker, Gladys	Ridgway, Pa.
Crocker, Hazel	Ridgway, Pa.
Crockett, May	Forty-fort, Pa.
Cross, Pearl	Boyers, Pa.

Crowe, Clara	Johnsonburg, Pa.
Crowe, Mary	Johnsonburg, Pa.
Craig, Bess	Grove City, Pa.
Cubbon, M. H.	Pleasantville, Pa.
Cummings, Laura	Grove City, Pa.
Darr, Irene	Latrobe, Pa.
Davenport, Melda	New Castle, Pa.
Davidson, Edna	Rea, Pa.
Davies, Ann	Scranton, Pa.
Davis, Mabel	Johnstown, Pa.
De Haus, Helen	Benezette, Pa.
Denny, Janet	Rea, Pa.
Dick, Edwin	Connellsville, Pa.
Dickey, Minnie	Berlin, Pa.
Dixson, Mollie	Uniontown, Pa.
Dockman, Anna	Grove City, Pa.
Dollinger, Tillie	Kersey, Pa.
Donaldson, Isabel	New Brighton, Pa.
Donovan, Mayme	Leisenring, Pa.
Downing, Ceora	Dayton, N. Y.
Drake, Caroline	Old Forge, Pa.
Drake, Stella	Old Forge, Pa.
Dreyer, Esther	Fayette City, Pa.
Duffield, Laura	Rochester, Pa.
Dunkle, Lauretta	Kellettville, Pa.
Dunlap, Margaret	New Brighton, Pa.
Dunn, Emma	Tidioute, Pa.
Duprey, Lena	Warren, Pa.
Duprey, Lillian	Warren, Pa.
Ehrenfeld, Valeria J.	Leechburg, Pa.
Eisenman, Florence	Hallton, Pa.
Engle, Gertrude	Beaver, Pa.
English, Mary	Homer City, Pa.
Espy, Mary	West Middlesex, Pa.
Evans, Esther	Pittsburgh, Pa.
Evans, Harriet	Benezette, Pa.
Evans, Ruth	Greensburg, Pa.
Felix, Eleanor	Windber, Pa.
Ferguson, Katherine	Phillipsburg, Pa.
Fike, Bertha	Uniontown, Pa.
Fike, George	Uniontown, Pa.
Fike, Plura	Uniontown, Pa.
Finnan, Mary	Pittston, Pa.
Flaherty, Edna	Canonsburg, Pa.

Flaherty, John	Wilkes-Barre, Pa.
Fleming, Elizabeth	Clearfield, Pa.
Florin, Lunetta	Johnsonburg, Pa.
Ford, Maude	Pittston, Pa.
Fowler, Olga	Vanport, Pa.
Fries, Mary A.	Claysburg, Pa.
Fritz, Amelia	St. Marys, Pa.
Funk, David	Mineral Point, Pa.
Gallagher, Jennie	Prospect, Pa.
Gallagher, May	Erie, Pa.
Garvey, Katherine	Anita, Pa.
Gates, Nellie	Fairchance, Pa.
Gault, Minerva	McKeesport, Pa.
Gayley, Edith	Richwood, W. Va.
Gebhard, Katherine	Rochester, Pa.
Geer, Mary	New Brighton, Pa.
Gerard, Shirley	Blairsville, Pa.
Gilbert, Mabel	Kittanning, Pa.
Gilgallon, Catherine	Scranton, Pa.
Gilmore, Blanche	West Bridgwater, Pa.
Glassburn, Maude	Scottdale, Pa.
Glosser, Bess	Johnstown, Pa.
George, Luella May	West Middlesex, Pa.
Graham, Floyd	Volant, Pa.
Graham, Maud	Curwensville, Pa.
Gregg, Lillian	Butler, Pa.
Grimes, Alice	Claysville, Pa.
Grimshaw, Mary	New Brighton, Pa.
Groves, Anna S.	Leechburg, Pa.
Gunning, Helen	Pittston, Pa.
Hall, Maud	Punxsutawney, Pa.
Hanson, Minnie	Cherry Grove, Pa.
Hall, Edith	Kinsman, Ohio
Harbaugh, Ruby	Rockwood, Pa.
Harbison, Martha	Wilkinsburg, Pa.
Harkcom, Harry	Jones Mills, Pa.
Harkins, Mary	Wilmore, Pa.
Haught, Ella	Meadow Land, Pa.
Havard, Esther	Scranton, Pa.
Haviland, Lucinda	Johnstown, Pa.
Hazen, Nellie	Wampum, Pa.
Heasley, Margaret	West Middlesex, Pa.
Hector, Mary	Clarendon, Pa.
Hedges, Elma	Seward, Pa.

Hedges, Sara	Seward, Pa.
Hedglin, Hosack	Mercer, Pa.
Hendrickson, Malvina	Ulysses, Pa.
Hennigan, Ella	Eldred, Pa.
Herring, Ada	Linesville, Pa.
Hervey, Nellie	Rochester, Pa.
Hess, Florence	North Girard, Pa.
Hindmarsh, Isabelle	Fayette City, Pa.
Hines, Anna	Pittston, Pa.
Hinton, Mary	Roaring Spring, Pa.
Hoffman, June	Johnstown, Pa.
Hodge, Florence	Jackson Center, Pa.
Hood, John D.	New Florence, Pa.
Hood, Mary	Hookstown, Pa.
Hooks, Bessie	Mosgrove, Pa.
Houston, Carrie	Black Lick, Pa.
Huffman, Olive	Mt. Pleasant, Pa.
Hughes, Miriam	Wilmore, Pa.
Jackson, Harriet	West Middlesex, Pa.
Jacobs, Rebecca	Mifflintown, Pa.
James, Elizabeth	Plymouth, Pa.
Jaycox, Grace	Sheffield, Pa.
Jeffries, Geo. A.	New Salem, Pa.
Jennings, Martin J.	Scranton, Pa.
Johnson, Hattie	Mahaffey, Pa.
Jones, Agnes	Johnsonburg, Pa.
Jones, Herbert	Jackson Center, Pa.
Kane, Bridget	Sugar Notch, Pa.
Kearns, Helen	Pittston, Pa.
Keating, Mary	Pittston, Pa.
Keeton, Irena	Jamestown, Pa.
Keister, Velma	Export, Pa.
Keller, Mae	Big Run, Pa.
Kennedy, Ethel	Mars, Pa.
Kessler, Edna	Ebensburg, Pa.
King, Edward C.	Grove City, Pa.
Kingan, Marietta	Grove City, Pa.
Kinley, Corrine	Portland Mills, Pa.
Kirk, Henrietta	Phillipsburg, Pa.
Kirkpatrick, Leila	Ada, Ohio
Kiser, Evaline	Tionesta, Pa.
Klingensmith, Bess	Leechburg, Pa.
Klingensmith, Morda	Leechburg, Pa.
Knauff, George	Mercer, Pa., R. D.

Kramer, Alice	Clearfield, Pa.
Laffey, Anna	Connellsville, Pa.
Laffey, Loreto	Connellsville, Pa.
Lambie, Marion	Etna, Pa.
Lawhead, Alice	Clearfield, Pa.
Lawson, Ida	Corry, Pa.
Lazarus, Margaret	Rochester, Pa.
Leidy, Clara	Conemaugh, Pa.
Leinenweber, Edward	Jamestown, Pa.
Lemmon, Edna	Mt. Pleasant, Pa.
Lemmon, Elizabeth	New Alexandria, Pa.
Lester, Nettie	Anita, Pa.
Lewis, Edna	Reynoldsville, Pa.
Lewis, Annabell	Weedville, Pa.
Liggett, Elizabeth	Houston, Pa.
Liggett, Letitia	New Florence, Pa.
Logan, Grace	Johnstown, Pa.
Long, Mary	Pittston, Pa.
Long, Regina	Pittston, Pa.
Lotz, Ella	Johnstown, Pa.
Loughran, Lucy	Scranton, Pa.
Loughran, Teresa	Scranton, Pa.
Ludden, Anna	Ben Avon, Pa.
Lytle, Hazel	Kinzua, Pa.
McAndrews, Lenye	Pittston, Pa.
McCandless, Blanche	Euclid, Pa.
McCarl, Madge	Grove City, Pa.
McCready, Adeline	Ridgway, Pa.
McCleary, Mildred	Allenport, Pa.
McClelland, Cordelia	Blairsville, Pa.
McCormick, Mary	Homestead, Pa.
McCoy, Anna	Washington, Pa.
McCullough, Eleanor	Sharpsville, Pa.
McCutcheon, Emma	Oil City, Pa.
McDonald, Rose	Eldred, Pa.
McElhaney, Izetta	Dunbar, Pa.
McGaughey, May E.	New Castle, Pa.
McGinnis, Anna	Scranton, Pa.
McGrath, Howard	Transfer, Pa.
McKechnie, Susan M.	Luzerne, Pa.
McKirdy, Helen	Monongahela, Pa.
McLaughlin, Irene	Westville, Pa.
McLinden, Agnes	Monongahela, Pa.
McLinden, Rose	Monongahela, Pa.

Mansfield, Zola	Sykesville, Pa.
Marshall, Jean	Mars, Pa.
Martinson, Harriet	Ridgway, Pa.
Malone, Maude	Wilcox, Pa.
Mawhinney, Bess	Freedom, Pa.
Mayer, Rhoda	Mifflintown, Pa.
Mays, Ruth	Butler, Pa.
Means, Estelle	Washington, Pa.
Means, Mabel	Indiana, Pa.
Meneely, Lilly	Avella, Pa.
Miller, C. S.	Mercer, Pa.
Miller, Lillian	Grampian, Pa.
Miller, Mary	Greensburg, Pa.
Miller, Morna	Vandergrift, Pa.
Miller, Verna	Kellettville, Pa.
Mitchell, Florence	Wheatland, Pa.
Mitcheltree, Nannie	New Castle, Pa.
Moats, John	Jamestown, Pa.
Morgan, Elizabeth	Hookstown, Pa.
Morgan, Margaret	N. Braddock, Pa.
Moran, Mrs. Maye	Bradford, Pa.
Morgan, Mattie	Erie, Pa.
Morrison, Hallie	Vandergrift Heights, Pa.
Moss, Woods	West Alexandria, Pa.
Moyer, Eva	Williamsport, Pa.
Mullen, Agnes	Latrobe, Pa.
Munley, Catherine	Pittston, Pa.
Murphy, Margaret	Johnsonburg, Pa.
Murphy, Teressa	Pittston, Pa.
Murray, Minnie	Connellsville, Pa.
Myers, Lucretia	Roaring Spring, Pa.
Nash, Ruth	Erie, Pa.
Nease, Grace	Washington, Pa.
Neill, Edna	Canonsburg, Pa.
Newbold, Olive	Frostburg, Pa.
Neyman, Mary	Grove City, Pa.
Nickles, Belle	Parkers Landing, Pa.
Noble, Charles	Brownsville, Pa.
Obenchain, Elizabeth	Greenville, Pa.
O'Donovan, Agnes	Connellsville, Pa.
Ogden, Della	Clearfield, Pa.
Oknefski, Josephine	Ridgway, Pa.
Olson, Orpha	Wilcox, Pa.
O'Malley, Delia	Pittston, Pa.

O'Neill, Gertrude	West Pittston, Pa.
O'Neill, Margaret	Union City, Pa.
Ormsby, Darrel	Mercer, Pa.
Osten, Hazel	West Hickory, Pa.
Overturf, Sylvia	Benezette, Pa.
Owens, Wilma	Pittsburgh, Pa.
Pascoe, Leona	Fayette City, Pa.
Patterson, Irena	Barkeyville, Pa.
Patterson, Mary	Washington, Pa.
Paul, Bertha	Johnstown, Pa.
Pearson, Grace	Pittsfield, Pa.
Pieper, Nell	Charleroi, Pa.
Perrine, Pearl	Sandy Lake, Pa.
Peters, Julia	Eidenau, Pa.
Peters, Marie Pauline	Beaver, Pa.
Phillipi, Maude	Sykesville, Pa.
Phillips, Margaret	Scranton, Pa.
Pickering, Mary	New Eagle, Pa.
Pinney, Blanche	Waterford, Pa.
Pollock, Inez	Canonsburg, Pa.
Potts, Lucia	Custer City, Pa.
Powell, Bertha	Conway, Pa.
Pribek, Marie	Johnstown, Pa.
Pringle, Margaret	Ellwood City, Pa.
Probst, Esther	Archibald, Pa.
Pytcher, Annabel	Ormsby, Pa.
Queen, Sara	East Brady, Pa.
Ralston, Lulu	Rochester, Pa.
Rathfon, Mary	Bradford, Pa.
Redfield, Etole	Pleasantville, Pa.
Reed, Tressa	Vandergrift, Pa.
Reese, Emma	Port Matilda, Pa.
Reinhart, Lyda	Fredonia, Pa.
Reither, William	Clarion, Pa.
Reno, Claire	Sharpsville, Pa.
Rex, Nellie	Rochester, Pa.
Rhodes, Anna	New Castle, Pa.
Rice, Elizabeth	McKeesport, Pa.
Roberts, Emily	Carnegie, Pa.
Roberts, Gertrude	Nanty Glo, Pa.
Rodgers, Charles C.	Franklin, Pa.
Rodham, Ethel	Scranton, Pa.
Rogers, Lillian	Pittsburgh, Pa.
Rose, Margaret	North Girard, Pa.

Ross, Estella	Falls Creek, Pa.
Rowan, Olive	Dunbar, Pa.
Runninger, Belle	Utica, Pa.
Sampson, Helen	Monongahela, Pa.
Saylor, Roy	Somerset, Pa.
Schoor, Frances	Curwensville, Pa.
Schuch, Hilda	Dravosburg, Pa.
Scott, Helen	Reynoldsville, Pa.
Seaton, Charles	New Salem, Pa.
Seybert, Lillian	East Brady, Pa.
Shaffer, Laura	Johnstown, Pa.
Sherman, Mabelle	Portland Mills, Pa.
Shields, Cleone	Marchand, Pa.
Shiffler, Esther	Roaring Spring, Pa.
Shiffler, Maude	Roaring Spring, Pa.
Shober, Etta	Garrett, Pa.
Shober, Iva	Garrett, Pa.
Shook, Florence	Scranton, Pa.
Shouffler, Mary	Belle Vernon, Pa.
Shrauger, Norman H.	Sabula, Pa.
Sheridan, Clara	Pittston, Pa.
Shultz, Tilla	East Brady, Pa.
Shumaker, Ruth	New Bethlehem, Pa.
Shunk, Dorothy	Whig Hill, Pa.
Silfies, Blanche	Clermont, Pa.
Simmons, Jos. F.	Shamokin, Pa.
Simmons, T. D.	Waynesburg, Pa.
Simpson, Elizabeth	Strattonville, Pa.
Simpson, Mildred	Beaver, Pa.
Skehan, Nelle	Williamsport, Pa.
Small, Marie	Nebraska, Pa.
Smiley, Isabelle	Butler, Pa.
Smith, Elizabeth	Fredonia, Pa.
Smith, Mabel	Reynoldsville, Pa.
Smith, Mabel	Shenango, Pa.
Smith, Nelson	Kennerdell, Pa.
Smyers, Eva	Blairsville, Pa.
Snarburg, Anna	Johnsonburg, Pa.
Snyder, Geo.	Slippery Rock, Pa.
Stahl, Roy	Jones Mills, Pa.
Stanton, Leona	W. Pittston, Pa.
Stephenson, Maude	Edgewood, Pa.
Sterling, Ella	Harrison Valley, Pa.
Sterritt, Mary	Jackson Center, Pa.

Stright, Nola	Greenville, Pa.
Stroup, Gwen	Johnstown, Pa.
Stuchel, Anna	Dayton, Pa.
Sutter, Anna	Allison Park, Pa.
Swanson, Hulda	Johnsonburg, Pa.
Swanson, Jenny	Kersey, Pa.
Swearingen, Jennie	Hookstown, Pa.
Syphrit, Twila	Reynoldsville, Pa.
Taylor, W. F.	Slippery Rock, Pa.
Taylor, Nellie	Renova, Pa.
Thatcher, Lucy	New Castle, Pa.
Thomas, Nettie	New Brighton, Pa.
Thompson, Amanda	New Alexandria, Pa.
Thompson, Deborah	Grove City, Pa.
Thompson, Floy	Euclid, Pa.
Thompson, Henrietta	West Sunbury, Pa.
Thompson, Howard	Sharon, Pa.
Thompson, Rebecca	New Alexandria, Pa.
Truran, Oliveen	Grove City, Pa.
Turner, Nellie	Mercer, Pa.
Tuttle, Harriet	Benezette, Pa.
Vantine, Lena	Pittsburgh, Pa.
Venen, Frances	Springboro, Pa.
Vensel, J. R.	Butler, Pa.
Vincent, Mae	Utica, Pa.
Waldron, Florence	New Castle, Pa.
Walker, Florence	Berlin, Pa.
Walker, Henrietta	Johnsonburg, Pa.
Walsh, Eva	Beaver Falls, Pa.
Walter, Minerva	Sackett, Pa.
Weed, Nellie	Titusville, Pa.
Weible, C. E.	Hooversville, Pa.
Weitzel, Paul K.	Portersville, Pa.
Weller, Bertha	Fredonia, Pa.
Willard, George	Saltsburg, Pa.
Williams, Alverda	Johnstown, Pa.
Williams, Laura	Scranton, Pa.
Wilt, Zoe Olla	Duncanville, Pa.
Wisé, Helen D.	Washington, Pa.
Witman, Cecelia	St. Marys, Pa.
Yaggi, Helen	Portland Mills, Pa.

Total, 433; 41 men, 392 women.

ORGAN

Barnes, Doyle	Brookville, Pa.
Barden, Alice	Eldred, Pa.
Chambers, Eleanor	Mifflinburg, Pa.
Hassinger, Grace E.	Mifflinburg, Pa.
McCamey, Mrs. J. A.	Grove City, Pa.
Pires, Mrs. Leonore	Fostoria, Ohio

Total 6; 1 man, 5 ladies.

HARMONY

Beighley, Twila	Grove City, Pa.
Bogue, Marie	Erie, Pa.
Blair, Isabel	Parkers Landing, Pa.
Gillam, Winifred	Berwick, Pa.
Grey, Alex Marie	Titusville, Pa.
Hewit, Cora May	Albion, Pa.
Hoffman, Mrs. M. E.	Grove City, Pa.
Hovis, Ada	Wesley, Pa.
Hunsberger, Edna	Barkeyville, Pa.
Luse, Edith	Sharon, Pa.
Livingston, Irma	Fredonia, Pa.
McCoy, Vista	Grove City, Pa.
McCullough, William	Wampum, Pa.
McKinney, Hazel	Grove City, Pa.
McKee, Eleanor	Baldwin, Pa.
Perringer, Verle	Euclid, Pa.
Pires, Mrs. Leonore	Fostoria, Ohio
Russell, Julia	Fredonia, Pa.
Slater, Georgia	Grove City, Pa.
Thompson, Jessie	Grove City, Pa.
Wenzel, Hilda	Homestead, Pa.
Winsberg, Evelyn	Grove City, Pa.

Total 22; 1 man, 21 ladies.

COUNTERPOINT

Seiple, Stanley	Greenville, Pa.
Poehlmann, Ilse	Grove City, Pa.

TEACHERS' INSTRUCTION

Coulter, Fannie	Grove City, Pa.
Blair, Isabel	Parkers Landing, Pa.
Grey, Alex Marie	Titusville, Pa.
Gillam, Winifred	Berwick, Pa.

Hoffman, Mrs. M. E.	Grove City, Pa.
Hunsberger, Edna	Barkeyville, Pa.
Kerr, Ora	Grove City, Pa.
Livingston, Irma	Fredonia, Pa.
Lockhart, Elizabeth	Toledo, Ohio
McCoy, Vista	Grove City, Pa.
McKee, Eleanor	Baldwin, Pa.
McKinney, Hazel	Grove City, Pa.
Robins, Ruth	Fredonia, Pa.
Russell, Julia	Fredonia, Pa.
Slater, Georgia	Grove City, Pa.

Total, 15 ladies.

FORMS

Coulter, Fannie	Grove City, Pa.
Fithian, Leila	Grove City, Pa.
Grace, Martha	Clarks Mills, Pa.
Kerr, Ora	Grove City, Pa.
Lockhart, Elizabeth	Toledo, Ohio
Moser, Walter	Butler, Pa.
McCoy, Vista	Grove City, Pa.
McCullough, William	Wampum, Pa.
Poehlmann, Ilse	Grove City, Pa.
Reynolds, Esther	Grove City, Pa.
Robins, Ruth	Fredonia, Pa.
Smith, Isabel	Jackson Center, Pa.

Total 12; 2 men, 10 ladies.

ELEMENTS OF MUSIC

Brandon, Elinor	Butler, Pa.
Bogue, Marie	Erie, Pa.
Grey, Alex Marie	Titusville, Pa.
Hewit, Cora May	Albion, Pa.
Hewit, Laura Marie	Albion, Pa.
Hovis, Ada	Wesley, Pa.
Hessinger, Grace E.	Mifflinburg, Pa.
Luse, Edith	Sharon, Pa.
Perringer, Verle	Euclid, Pa.
Stuart, Ida Belle	Erie, Pa.
Wenzel, Hilda	Homestead, Pa.
Wilson, Della Mae	Mercer, Pa.

Total, 12 ladies.

MODEL DEPARTMENT

PIANO

Teachers

Coulter, Fannie	Grove City, Pa.
Grace, Martha	Clarks Mills, Pa.
Kerr, Ora	Grove City, Pa.
Lockhart, Elizabeth	Toledo, Ohio
McCoy, Vista	Grove City, Pa.
Robins, Ruth	Fredonia, Pa.
Slater Georgia	Grove City, Pa.

Students

Blair, Edith	Grove City, Pa.
Cameron, Florence	Grove City, Pa.
Daugherty, Jessie	Grove City, Pa.
Hallett, May	Grove City, Pa.
Harmon, Anna	Grove City, Pa.
Harmon, Herbert	Grove City, Pa.
Hogue, Gerald	Grove City, Pa.
Kelly, Wade	Grove City, Pa.
Kingan, Francis Joy	Grove City, Pa.
Kingan, Lois	Grove City, Pa.
Martin, Lela	Grove City, Pa.
Montgomery, Mary	Grove City, Pa.
McGarr, Helen	Grove City, Pa.
McKay, Rebecca	Grove City, Pa.
Robins, Ruth	Grove City, Pa.
Shorts, Elta	Grove City, Pa.

Total 16; 3 men, 13 ladies.

VIOLIN

Teacher

Reynolds, Esther	Grove City, Pa.
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Students

McKay, Donald	Grove City, Pa.
Rhodes, Wilbert	Grove City, Pa.

Total, 2 men.

POST GRADUATES**PIANO**

Ketler, Mrs. Ellen	Grove City, Pa.
McCoy, Margaret	Grove City, Pa.
Poehlman, Ilse	Grove City, Pa.
Seiple, Stanley	Greenville, Pa.

Total 4; 1 man, 3 ladies.

GRADUATES**PIANO TEACHERS' COURSE****Teaching Beginning Grade**

Grace, Martha	Clarks Mills, Pa.
Kerr, Ora	Grove City, Pa.
Lockhart, Elizabeth	Toledo, Ohio
Smith, Isabel	Jackson Center, Pa.

Teaching Beginning and Middle Grade

Coulter, Fannie	Grove City, Pa.
Fithian, Leila	Grove City, Pa.
McCoy, Vista	Grove City, Pa.
Robins, Ruth	Fredonia, Pa.

Fitness for Independent Development as Pianist

Fithian, Leila	Grove City, Pa.
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VOCAL TEACHERS COURSE**Teaching all Scales**

Poehlmann, Ilse	Grove City, Pa.
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VOCAL-ARTIST COURSE

Poehlmann, Ilse	Grove City, Pa.
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Vocal Course for Ability as Church Soloist

Moser, Walter	Butler, Pa.
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VIOLIN TEACHERS COURSE**Teaching all Scales**

Reynolds, Esther	Grove City, Pa.
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Fitness for Independent Development as Violinist

Reynolds, Esther	Grove City, Pa.
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COURSE IN SUPERVISING PUBLIC SCHOOL MUSIC

Lockhart, Elizabeth Toledo, Ohio

McCullough, William H. Wampum, Pa.

Total 12; 2 men, 10 ladies.

UNDERGRADUATES

PIANO

Brandon, Elinor Butler, Pa.

Beighley, Twila Grove City, Pa.

Blair, Isabel Parkers Landing, Pa.

DesRochers, C. H. Instanter, Pa.

Duffy, Amy Harrisville, Pa.

Frankel, Margaret Mercer, Pa.

Gillam, Winifred Berwick, Pa.

Grey, Alex Marie Titusville, Pa.

Glosser, Bess Johnstown, Pa.

Hewit, Cora May Albion, Pa.

Hewit, Laura Marie Albion, Pa.

Hoffman, Mrs. M. E. Grove City, Pa.

Hodge, Pearl Grove City, Pa.

Hovis, Ada Wesley, Pa.

Hunsberger, Edna Barkeyville, Pa.

Kashner, Hazel Greenville, Pa.

Luse, Edith Sharon, Pa.

Livingston, Irma Fredonia, Pa.

Martinson, Harriet Ridgway, Pa.

Monroe, Lois Grove City, Pa.

Morrow, Maye Lisbon, Ohio

McCandless, Blanche Euclid, Pa.

McCoy, Vista Grove City, Pa.

McKinney, Hazel Grove City, Pa.

McKee, Eleanor Baldwin, Pa.

McIlwain, J. C. Pittsburgh, Pa.

Perringer, Verle Euclid, Pa.

Price, Ethel Sharon, Pa.

Prouty, Mabel Eldred, Pa.

Russell, Julia Fredonia, Pa.

Slater, Georgia Grove City, Pa.

Swanson, Jennie Kersey, Pa.

Stuart, Ida Belle Erie, Pa.

Thompson, Jean North Washington, Pa.

Thompson, Jessie Grove City, Pa.

Winsberg, Evelyn Grove City, Pa.

Wenzel, Hilda	Homestead, Pa.
Wilson, Della Mae	Mercer, Pa.
Whieldon, Harold	Grove City, Pa.
Williams, Kathryn	Sandy Lake, Pa.

Total 40; 3 men, 37 ladies.

VOCAL

Bogue, Marie	Erie, Pa.
Buchanan, Martha	Hookstown, Pa.
Barden, Alice	Eldred, Pa.
Cotton, Geraldine	Mercer, Pa.
Dodds, Wesley	Jamestown, Pa.
Gillam, Winifred	Berwick, Pa.
Grey, Alex Marie	Titusville, Pa.
Graham, Robert W.	Emlenton, Pa.
Hosick, Gertrude	Grove City, Pa.
Hill, Robert	Grove City, Pa.
Kashner, Hazel	Greenville, Pa.
Kerr, Ora	Grove City, Pa.
Lockhart, Elizabeth	Toledo, Ohio
Metzgar, Iva	Shippensburg, Pa.
Meyers, Adelaide	Grove City, Pa.
McCullough, William	Wampum, Pa.
Russell, Julia	Fredonia, Pa.
Schaeffer, Emmett	Grove City, Pa.
Thompson, Jean	North Washington, Pa.

Total 19; 5 men, 14 ladies.

VIOLIN

Beckman, Mabel	Cambridge Springs, Pa.
Hoban, J. A.	Dunmore, Pa.
McCullough, William	Wampum, Pa.
Ware, Clinton F.	Guys Mills, Pa.

Total 4; 3 men, 1 lady.

GRADUATES IN STENOGRAPHY

Baker, Bertha	Grove City, Pa.
Forker, Mary Belle	Mercer, Pa.
Shillito, Mildred	Grove City, Pa.
Wilson, Esther	Grove City, Pa.

Total, 4 ladies.

STENOGRAPHY

Baker, Mabel	Grove City, Pa.
Barr, Minnie	Shawmut, Pa.

Bell, Howard	York, Nebraska
Fleming, Elizabeth	Clearfield, Pa.
Koller, Vernon	Grove City, Pa.
Moran, Mrs. May	Bradford, Pa.
McNutt, Viva	Vandergrift, Pa.
Walls, Ada	Grove City, Pa.

Total 8; 2 men, 6 ladies.

GRADUATES IN TYPEWRITING

Baker, Bertha	Grove City, Pa.
Forker, Mary Belle	Mercer, Pa.
Shillito, Mildred	Grove City, Pa.
Wilson, Esther	Grove City, Pa.

Total, 4 ladies.

TYPEWRITING

Baker, Mabel	Grove City, Pa.
Barnes, Kenneth	Harrisville, Pa.
Barr, Minnie	Shawmut, Pa.
Bell, Howard	York, Nebraska
Cloak, Herbert	Cowansville, Pa.
Fleming, Elizabeth	Clearfield, Pa.
Glasgow, M. A.	Vandergrift, Pa.
Hovis, Ada	Wesley, Pa.
Kelly, L. Dayne	Bruin, Pa.
Koller, Vernon	Grove City, Pa.
Kyle, Thompson	Harrisville, Pa.
Livingood, F. G.	Farrell, Pa.
McCoy, L. O.	Jackson Center, Pa.
McNutt, Viva	Vandergrift, Pa.
Ormond, Margaret	Grove City, Pa.
Prouty, Mabel	Eldred, Pa.
Walls, Ada	Grove City, Pa.

Total 17; 9 men, 8 ladies.

GRADUATES IN COMMERCIAL

Cloak, Herbert	Cowansville, Pa.
Koller, Vernon	Grove City, Pa.
Kyle, T. R.	Harrisville, Pa.
Miller, Clarence	Apollo, Pa.
McCoy, L. O.	Jackson Center, Pa.
McGregor, Joseph C.	Parkers Landing, Pa.
Pierce, John G.	Yohogany, Pa.
Prouty, Mabel	Eldred, Pa.
Trevitt, W. E., Jr.	Sandy Lake, Pa.

Wike, S. W.	Mercer, Pa.
Young, Ralph W.	Parnassus, Pa.
Total 11; 10 men, 1 lady.	

COMMERCIAL

Albright, R. B.	Monongahela, Pa.
Alexander, Clarence	Franklin, Pa.
Baker, Mabel	Grove City, Pa.
Barnes, Kenneth	Harrisville, Pa.
Bigler, Alton	Franklin, Pa.
Craig, Theo.	Mercer, Pa.
Covert, Clyde S.	Grove City, Pa.
Davis, Evan	Grove City, Pa.
Fredley, H. E.	Butler, Pa.
Frew, James	New Castle, Pa.
Gaston, R. E.	Meadville, Pa.
Heile, Roland	Transfer, Pa.
Hovis, Ada	Wesley, Pa.
Kelly, L. Dayne	Bruin, Pa.
Kerr, R. R.	Nebraska, Pa.
Langer, Albert	Carnegie, Pa.
Patterson, J. Emerson	Grove City, Pa.
Perry, Paul J.	Branchton, Pa.
Redmond, Samuel	Mercer, Pa.
Robins, Raymond	Grove City, Pa.
Trevitt, R. D.	Sandy Lake, Pa.
Love, Robert	Mercer, Pa., R. D. 2
Walls, Ada	Grove City, Pa.
Wilson, W. F.	Grove City, Pa.
Total 24; 21 men, 3 ladies.	

ART

Craig, Edna	Grove City, Pa.
Guthrie, Mrs. John	Grove City, Pa.
Hosack, Ora	Grove City, Pa.
Total, 3 ladies.	

SUMMARY

COLLEGIATE DEPARTMENT

	Ladies	Gentlemen	Total
Graduates, June 1915	14	39	53
Post Graduates	3	20	23
Seniors	8	26	34
Qualifying Seniors	8	18	26
Juniors	14	20	34
Sophomores	39	51	90
Freshmen	42	69	111
Conditional Freshmen	3	22	25
Preparatory and Special	35	85	120

PEDAGOGY DEPARTMENT

Pedagogy	392	41	433
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MUSIC DEPARTMENT

Post Graduates	3	1	4
Graduates	10	2	12

UNDERGRADUATES

Piano	37	3	40
Vocal	14	5	19
Violin	1	3	4
Organ	5	1	6
Harmony	21	1	22

TEACHERS' INSTRUCTION

Piano	15		15
Forms	10	2	12
Elements of Music	12		12
Model Class	13	3	16
Model, Violin		2	2

COMMERCIAL

Graduates	1	10	11
Undergraduates	3	21	24

STENOGRAPHY

Graduates	4		4
Undergraduates	6	2	8

TYPEWRITING

Graduates	4		4
Undergraduates	8	9	17

ART

Graduates	1		1
Undergraduates	3		3
Different Students	594	368	962
Fall 1914 through Summer 1915.			

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